



217/782-2113

OPERATING PERMIT

PERMITTEE

Asphalt Materials, Inc.
Attn: Douglas A. Lozier
6400 W. 86th Street
Indianapolis, IN 46268

Application No.: 77040047

I.D. No.: 019105ACV

Applicant's Designation:

Date Received: September 18, 1990

Subject: Emulsified Asphalt Plant

Date Issued: November 16, 1990

Expiration Date: November 15, 1991

Location: 705 East University Ave., Urbana

Permit is hereby granted to the above-designated Permittee to OPERATE emission source(s) and/or air pollution control equipment consisting of a Well McLain hot water heater (boiler #4), eight gas fired heaters, emulsion mill, 5 batch mixing tanks, raw material storage tanks, finished product storage tanks, pumping station for unloading truck tanker and rail tank cars with a Monsanto mist eliminator (AP-1), load out rack stations with a Monsanto mist eliminator (AP-2), seven (7) scrubbers to control vapors from asphalt cement storage tanks and an oil water separator as described in the above-referenced application. This Permit is subject to standard conditions attached hereto and the following special condition(s):

1. This permit is issued based upon adding a Monsanto mist eliminator (AP-1) to existing equipment, the rail tank car unloading stations, so as to reduce emissions of organic material to the atmosphere.
2. This permit is issued based upon adding a Monsanto mist eliminator (AP-2) to existing equipment, the truck loading rack, so as to reduce emissions of organic material to the atmosphere.
3. This permit is issued based upon adding seven (7) scrubbing units to existing equipment, seven asphalt cement storage tanks, so as to reduce emissions of organic material to the atmosphere.
4. This permit is issued based upon a minimal hourly emission rate and negligible annual emissions (less than 0.1 ton/year) of organic material from an oil water separator.

IEPA-DIVISION OF RECORDS MANAGEMENT
RELEASABLE

SEP 20 2017

REVIEWER: EMI



5a. Operation of the asphalt cement storage tanks (901 thru 907) is allowed during malfunction and breakdown of the scrubbing unit for one hour. This condition supersedes standard condition No. 9a as it applies to malfunction or breakdown.

b. The permittee shall maintain records of excess emissions during malfunctions and breakdowns. As a minimum, these records shall include:

- (i) date and duration of malfunction or breakdown;
- (ii) a full and detailed explanation of the cause for such emissions;
- (iii) the measures used to reduce the quantity of emissions and the duration of the occurrence; and
- (iv) the steps taken to prevent similar malfunctions or breakdowns or reduce their frequency and severity.

c. These records shall be retained for at least two years following an event, maintained at a readily accessible location at the plant, and be available to representatives of the Agency during normal working and/or operating hours.

It should be noted that this permit has been revised to include operation of the equipment described in construction permit 90100045.

Bharat Nathur, P.E.
Acting Manager, Permit Section
Division of Air Pollution Control

BM:KJP:mab/684L/5p/70-71 1/8/11/16

cc: Region 3

POD 1/8/11/16



STATE OF ILLINOIS
ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF AIR POLLUTION CONTROL
2200 CHURCHILL ROAD
SPRINGFIELD, ILLINOIS 62706

**STANDARD CONDITIONS
FOR
OPERATING PERMITS**

July 1, 1985

The Illinois Environmental Protection Act (Illinois Revised Statutes, Chapter 111-1/2, Section 1039) grants the Environmental Protection Agency authority to impose conditions on permits which it issues.

The following conditions are applicable unless superseded by special permit condition(s).

1. The issuance of this permit does not release the permittee from compliance with state and federal regulations which are part of the Illinois State Implementation Plan, as well as with other applicable statutes and regulations of the United States or the State of Illinois or with applicable local laws, ordinances and regulations.
2. The Agency has issued this permit based upon the information submitted by the permittee in the permit application. Any misinformation, false statement or misrepresentation in the application shall be grounds for revocation under 35 Ill. Adm. Code 201.207.
3.
 - a. The permittee shall not authorize, cause, direct or allow any modification, as defined in 35 Ill. Adm. Code 201.102, of equipment, operations or practices which are reflected in the permit application as submitted unless a new application or request for revision of the existing permit is filed with the Agency and unless a new permit or revision of the existing permit(s) is issued for such modification.
 - b. This permit only covers emission sources and control equipment while physically present at the indicated plant location(s). Unless the permit specifically provides for equipment relocation, this permit is void for an item of equipment on the day it is removed from the permitted location(s) or if all equipment is removed, notwithstanding the expiration date specified on the permit.
4. The permittee shall allow any duly authorized agent of the Agency, upon the presentation of credentials, at reasonable times:
 - a. to enter the permittee's property where actual or potential effluent, emission or noise sources are located or where any activity is to be conducted pursuant to this permit,
 - b. to have access to and to copy any records required to be kept under the terms and conditions of this permit,
 - c. to inspect, including during any hours of operation of equipment constructed or operated under this permit, such equipment and any equipment required to be kept, used, operated, calibrated and maintained under this permit,
 - d. to obtain and remove samples of any discharge or emission of pollutants, and
 - e. to enter and utilize any photographic, recording, testing, monitoring or other equipment for the purpose of preserving, testing, monitoring or recording any activity, discharge or emission authorized by this permit.
5. The issuance of this permit:
 - a. shall not be considered as in any manner affecting the title of the premises upon which the permitted facilities are located,
 - b. does not release the permittee from any liability for damage to person or property caused by or resulting from the construction, maintenance, or operation of the facilities,

- c. does not take into consideration or attest to the structural stability of any unit or part of the project, and
 - d. in no manner implies or suggests that the Agency (or its officers, agents or employees) assumes any liability, directly or indirectly, for any loss due to damage, installation, maintenance, or operation of the proposed equipment or facility.
6. The facilities covered by this permit shall be operated in such a manner that the disposal of air contaminants collected by the equipment shall not cause a violation of the Environmental Protection Act or regulations promulgated thereunder.
 7. The permittee shall maintain all equipment covered under this permit in such a manner that the performance of such equipment shall not cause a violation of the Environmental Protection Act or regulations promulgated thereunder.
 8. The permittee shall maintain a maintenance record on the premises for each item of air pollution control equipment. This record shall be made available to any agent of the Environmental Protection Agency at any time during normal working hours and/or operating hours. As a minimum, this record shall show the dates of performance and nature of preventative maintenance activities.
 9. No person shall cause or allow continued operation during malfunction, breakdown or startup of any emission source or related air pollution control equipment if such operation would cause a violation of an applicable emission standard or permit limitation. Should a malfunction, breakdown or startup occur which results in emissions in excess of any applicable standard or permit limitation, the permittee shall:
 - a. immediately report the incident to the Agency's Regional Field Operations Section Office by telephone, telegraph, or other method as constitutes the fastest available alternative, and shall comply with all reasonable directives of the Agency with respect to the incident;
 - b. maintain the following records for a period of no less than two (2) years:
 - i. date and duration of malfunction, breakdown or startup,
 - ii. full and detailed explanation of the cause,
 - iii. contaminants emitted and an estimate of quantity of emissions,
 - iv. measures taken to minimize the amount of emissions during the malfunction, breakdown or startup, and
 - v. measures taken to reduce future occurrences and frequency of incidents.
 10. If the permit application contains a compliance program and project completion schedule, the permittee shall submit a project completion status report within thirty (30) days of any date specified in the compliance program and project completion schedule or at six month intervals, whichever is more frequent.
 11. Beginning one year from the date of this permit the permittee shall submit an "Annual Emission Report," form APC-208, as required by 35 Ill. Adm. Code 201.302. (Note: If the permittee has other operating permits for this facility, the "Annual Emission Report" for all such permits may be included in a single annual submission.)

CALCULATION SHEET

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|--|---------------------------|
| Facility <u>Emulsicoat, Inc.</u> | I.D. <u>019 105 ACV</u> |
| Anal. Eng. <u>MJP</u> Date <u>11 08 90</u> | PN <u>77 04 0047</u> |
| Rev. Eng. _____ Date _____ | Date Rec. <u>09 18 90</u> |

Application for modification to the operating permit to include operation of an air pollution control equipment approved under construction permit # 90090045.

The construction involves installation of (1) mist eliminators on loading and unloading stations and (2) 7 small water scrubbers on each asphalt cement storage tank, to control organic vapors to minimize odor nuisance.
(For equipment detail refer analysis for the construction permit # 90090045).

Existing

Equipment covered by this permit:
 1 Weil McLain hot water heater - boilers # 4
 8 Brown type 302 tank heaters
 emission grill, 5 batch mixing tanks
 Load-out rack stations
 Pumping stations for unloading
 several storage tanks containing various raw material and finished product.
 A table on page 138 of the application (submitted on 9/11) shows the applicant's designation of the tank, capacity size and content for each on the tank on the site. These are existing fixed roof tanks.

The volatile organic emissions from the sources are subject to limitation of 8.0 lbs/hr per sec 215.301. The material stored on the site is of low V.P., however due to heating of the material, it becomes flowable, causing odor nuisance. The proposed control will reduce the odor problem.

CALCULATION SHEET

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| Facility <u>Emulsi-coat, Inc.</u> | I.D. <u>019 105 ACV</u> <u>77 04 0047</u> |
| Anal. Eng. <u>MJP</u> Date <u>11 05 90</u> | PN <u>90 10 0045</u> |
| Rev. Eng. _____ Date _____ | Date Rec. <u>10 17 90</u> |

Operation during malfunction & breakdown

The request is for continued operation of the storage tanks 901, 902, 903, 904, 905, 906 and 907. These tanks are controlled by individual scrubbers. The anticipated time of breakdown would be one hour maximum for routine maintenance of draining oil and water, replacing water etc.

OM emissions (uncontrolled) 0.02 lb/hr.
 See 215.301 allowable 8.0 lb/hr.
 may cause odor nuisance only.

I recommend the request grant for one hour.

Request for operation of loading and unloading racks during malfunction and breakdown of must eliminators. The O&S per applicant no significant emissions should be released due to plan for installing two units and interconnecting the inputs to the control valve. Should one unit malfunction or shut down for routine maintenance, a valve would be turned to direct the normal input flow into the other unit. The applicant stated that the possibility of malfunctioning of both the must eliminators will be rare. The rail cars will not be unloaded if both the units are not malfunctioning.

I recommend the permit revision request grant. John Justice and Nick Thomas recommends one year permit grant.

CALCULATION SHEET

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| Facility <u>Emulsicoat, Inc.</u> | I.D. <u>019 105 ACV</u> |
| Anal. Eng. <u>MJP</u> Date <u>10 30 90</u> | PN <u>90 10 0045</u> |
| Rev. Eng. _____ Date _____ | Date Rec. <u>10 17 90</u> |

an application for a construction permit for installation of a control equipment to reduce odor problem. The facility operates an asphalt emulsions plant (operating unit # 77040047). The application is for installation of two Monsanto mist eliminators and water scrubbing units.

The Monsanto mist eliminators will cover the rail car tank car unloading stations and the truck loading rack operations. Vapors from the 7 asphalt cement storage tanks will be controlled by a small water scrubber for each tank.

Monsanto mist eliminators - AVP-1000
 The Monsanto Enviro-chem Asphalt vent package is a unit containing a pre-filter section, a blower and a housing containing a high efficiency mist eliminator.

The facility will install two such units with interconnecting valve so that control equipment will still be functional during routine maintenance or malfunction of one unit.

ACFM - 1000 @ 200°F.
 Estimated VOM 0.0049 lbs/hr (Manufacturer calculation)

Asphalt tank vent scrubbers
 The facility operates 7 large tanks to store Asphalt cement these are existing fixed roof tanks.

V.P. of Asphalt cement 1.9×10^9 psia.
 These tanks are heated (to increase the fluidity) through internal heating coils.

CALCULATION SHEET

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|--|---------------------------|
| Facility <u>Emulsicoat, Inc.</u> | I.D. <u>019 105 ACV</u> |
| Anal. Eng. <u>MJP</u> Date <u>11 02 90</u> | PN <u>90 10 0045</u> |
| Rev. Eng. _____ Date _____ | Date Rec. <u>10 17 90</u> |

The vapors from each tank will be vented through a small ^{individual} water scrubber.

Average gas flow 5 ACFM - max 60 ACFM
 Water flow rate 0.5 GPM.
 Scrubber efficiency 90% (Manufacturer)
 Estimated VOM 0.002 lb/hr (Applicant).

The emissions from these sources are limited to 8 lb/hr under sec 215.301. The proposed control equipment will be installed to ~~minimize~~ ^{reduce} odor problems.

Oil water separator:
 This is a small oil water separator. Requirement of sec 215.141 does not apply. Water 750 lb/hr to 1000 lb/hr. (From scrubber).

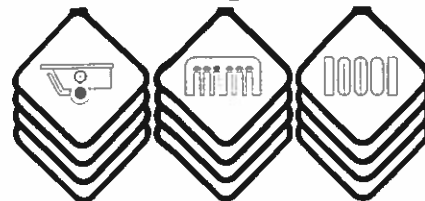
Organic emission 0.02 lb/hr. (Applicant).
 The output water is recirculated or used in the process of making the asphalt emulsion.

I recommend construction permit grant.
 John Justice CORCLUB.

705 EAST UNIVERSITY AVENUE • P.O. BOX 422 • URBANA ILLINOIS 61801 • (217) 344-7775

EMULSICOAT INC.

019-105-ACV



October 25, 1990

Mr. Mangu Patel
Illinois Environmental Protection Agency
Post Office Box 19276
Springfield, IL 62794-9276

RECEIVED

NOV 02 1990

EPA-DAPC-SPFLD.

Mr. Patel:

Enclosed are the APC-204 forms for a permit to operate during a malfunction of the odor and vapor control equipment for Emulsicoat, Inc. of Urbana. Please incorporate these into our application for an Operating Permit for our operation as submitted previously.

Briefly, our plans are to install the two Monsanto Mist Eliminators so that in the event of breakdown or during maintenance, the vapors could be routed to the other unit therefore, all but eliminating vapor release during these times. Secondly, the water scrubbers would not anticipate any breakdown or maintenance time as the collected oil and oily water could be piped and collected without shutting down the control equipment. An on-hand spare unit could be quickly installed to replace one that is damaged or for some unexpected reason rendered inoperable. Harmful vapor emissions will not be a problem as we have been operating this plant for years without the control equipment. Only a brief period of nuisance odor might be released during a malfunction period.

Thank you for your time and consideration of our permits for this additional equipment which will enable us to control the odors and remain a good neighbor in Urbana.

Sincerely,

Douglas A. Lozier, CET
Corporate Safety Director

cc: John Justice, PE

90DL4036.I
102590/JW



**STATE OF ILLINOIS
ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF AIR POLLUTION CONTROL
2200 CHURCHILL ROAD
SPRINGFIELD, ILLINOIS 62794-9276**

This Agency is authorized to require this information under Illinois Revised Statutes, 1979, Chapter 111 1/2, Section 1039. Disclosure of this information is required under that Section. Failure to do so may prevent this form from being processed and could result in your application being denied. This form has been approved by the Forms Management Center.

| | |
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| OPERATION DURING MALFUNCTION AND BREAKDOWN (WHERE OPERATION DURING MALFUNCTION OR BREAKDOWN EXCEEDS ALLOWABLE EMISSIONS) | FOR AGENCY USE ONLY |
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| | |
|--|---|
| 1. NAME OF PLANT OWNER: Asphalt Materials, Inc. | 2. NAME OF CORPORATE DIVISION OR PLANT (IF DIFFERENT FROM OWNER): Emulsicoat, Inc. |
| 3. STREET ADDRESS OF EMISSION SOURCE: 705 East University Avenue | 4. CITY OF EMISSION SOURCE: Urbana |
| 5. THE APPLICANT SHALL SUBMIT THE INFORMATION REQUESTED BY THIS FORM FOR EACH EMISSION SOURCE WHICH, DURING MALFUNCTION OR BREAKDOWN, MAY VIOLATE THE STANDARDS AND LIMITATIONS SET FORTH IN 35ILL. ADM. CODE. | |

6. FOR EACH SUCH EMISSION SOURCE AND DIRECTLY RELATED EQUIPMENT, SUBMIT THE FOLLOWING INFORMATION AND ATTACH TO THIS APPLICATION AS EXHIBIT F:

- (a) DESCRIBE THE EXTENT TO WHICH DISCONTINUED OPERATION OF THIS EQUIPMENT WOULD: (A) CAUSE OR TEND TO CAUSE INJURY TO PERSONS OR SEVERE DAMAGE TO EQUIPMENT, OR (B) PREVENT THE APPLICANT FROM PROVIDING ESSENTIAL SERVICES TO THE PUBLIC.
- (b) STATE THE ANTICIPATED LENGTH OF TIME THE EQUIPMENT WILL CONTINUE TO OPERATE DURING THE MALFUNCTION OR BREAKDOWN, INCLUDING AN EXPLANATION WHY THIS LENGTH OF TIME IS NECESSARY.
- (c) DESCRIBE ALL MEASURES THE APPLICANT WILL TAKE TO MINIMIZE THE DURATION OF A MALFUNCTION OR BREAKDOWN.
- (d) DESCRIBE ALL MEASURES THE APPLICANT WILL TAKE TO MINIMIZE THE QUANTITY OF AIR CONTAMINANT EMISSIONS THAT MAY OCCUR DURING A MALFUNCTION OR BREAKDOWN.
- (e) IDENTIFY THE EMISSION SOURCE ON THE PROCESS FLOW DIAGRAM TO BE OPERATED DURING MALFUNCTION AND BREAKDOWN THAT EXCEEDS APPLICABLE STANDARDS AND LIMITATIONS.

TOTAL NUMBER OF PAGES IN EXHIBIT F: 1

| ANALYSIS OF EXHAUST GAS TO THE AMBIENT AIR DURING MALFUNCTION AND BREAKDOWN | | | | |
|---|--------------------------------|--------------|--|----------------------|
| CONTAMINANT | CONCENTRATION OR EMISSION RATE | | METHOD OF MEASURE AND ANALYSIS | METHOD OF MONITORING |
| 7. CARBON MONOXIDE | a. PPM | b. LB/HR | c. Results of recovery | d. |
| 8. ORGANIC MATERIALS | a. PPM | b. .02 LB/HR | c. amounts and information from other industries | d. |
| 9. HYDROGEN SULFIDE | a. PPM | b. LB/HR | c. using this system | d. |
| 10. NITROGEN OXIDES | a. PPM | b. LB/HR | c. based on 90% efficiency. | d. |
| 11. SULFUR DIOXIDE | a. PPM | b. LB/HR | c. | d. |
| 12. PARTICULATE MATTER | a. GR/SCF | b. LB/HR | c. | d. |
| 13. OTHER (SPECIFY) | a. PPM | b. LB/HR | c. | d. |

14. EXIT GAS FLOW RATE: 60 ACFM @ 100 °F

15. IF OTHER EMISSION SOURCES OR AIR POLLUTION CONTROL EQUIPMENT ARE EXHAUSTED THROUGH THE STACK OR VENT SERVING THE EQUIPMENT COVERED BY THIS APPLICATION, THE APPLICANT SHALL DEFINE THE EMISSIONS FROM SUCH OTHER EQUIPMENT AND ATTACH INFORMATION TO THIS APPLICATION AS EXHIBIT G.
 TOTAL NUMBER OF PAGES IN EXHIBIT G: N/A



**STATE OF ILLINOIS
ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF AIR POLLUTION CONTROL
2200 CHURCHILL ROAD
SPRINGFIELD, ILLINOIS 62794-9276**

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| <p>OPERATION DURING STARTUP (WHERE OPERATION DURING STARTUP EXCEEDS ALLOWABLE EMISSIONS)</p> | <p>FOR AGENCY USE ONLY</p> |
|--|----------------------------|

| | |
|--|---|
| 1. NAME OF PLANT OWNER: | 2. NAME OF CORPORATE DIVISION OR PLANT (IF DIFFERENT FROM OWNER): |
| 3. STREET ADDRESS OF EMISSION SOURCE: | 4. CITY OF EMISSION SOURCE: |
| 5. THE APPLICANT SHALL SUBMIT THE INFORMATION REQUESTED BY THIS FORM FOR EACH EMISSION SOURCE WHICH, DURING STARTUP, MAY VIOLATE THE STANDARDS AND LIMITATIONS SET FORTH IN 35 ILL. ADM. CODE. | |

6. FOR EACH SUCH EMISSION SOURCE AND DIRECTLY RELATED EQUIPMENT, SUBMIT THE FOLLOWING INFORMATION AND ATTACH TO THIS APPLICATION AS EXHIBIT E:

- (a) DESCRIBE THE STARTUP PROCEDURE.
- (b) DESCRIBE THOSE PROCEDURES THE APPLICANT WILL TAKE DURING STARTUP TO REDUCE THE EMISSIONS.
- (c) DESCRIBE THE FREQUENCY AND DURATION OF STARTUPS.
- (d) DESCRIBE ALL MEASURES THE APPLICANT WILL TAKE TO MINIMIZE THE FREQUENCY AND DURATION OF STARTUPS.
- (e) IDENTIFY THE EMISSION SOURCE ON THE PROCESS FLOW DIAGRAM TO BE OPERATED DURING STARTUP THAT EXCEEDS APPLICABLE STANDARDS AND LIMITATIONS.

TOTAL NUMBER OF PAGES IN EXHIBIT E: _____

| ANALYSIS OF EXHAUST GAS TO THE AMBIENT AIR DURING STARTUP | | | | | |
|---|--------------------------------|-------|--------------------------------|----|----------------------|
| CONTAMINANT | CONCENTRATION OR EMISSION RATE | | METHOD OF MEASURE AND ANALYSIS | | METHOD OF MONITORING |
| | a. | b. | c. | d. | |
| 7. CARBON MONOXIDE | PPM | LB/HR | | | d. |
| 8. ORGANIC MATERIALS | PPM | LB/HR | | | d. |
| 9. HYDROGEN SULFIDE | PPM | LB/HR | | | d. |
| 10. NITROGEN OXIDES | PPM | LB/HR | | | d. |
| 11. SULFUR DIOXIDE | PPM | LB/HR | | | d. |
| 12. PARTICULATE MATTER | GR/SCF | LB/HR | | | d. |
| 13. OTHER (SPECIFY) | PPM | LB/HR | | | d. |

14. EXHAUST GAS FLOW RATE: _____ ACFM @ _____ °F

15. IF OTHER EMISSION SOURCES OR AIR POLLUTION CONTROL EQUIPMENT ARE EXHAUSTED THROUGH THE STACK OR VENT SERVING THE EQUIPMENT COVERED BY THIS APPLICATION, THE APPLICANT SHALL DEFINE THE EMISSIONS FROM SUCH OTHER EQUIPMENT AND ATTACH SUCH INFORMATION TO THIS APPLICATION AS EXHIBIT G.

TOTAL NUMBER OF PAGES IN EXHIBIT G: _____

EXHIBIT F

- 6a. Discontinued operation of this equipment would not be expected to harm or injure personnel or neighboring citizens. Vapors carrying asphalt odors would be released causing a nuisance odor problem which is objectionable to the immediate neighborhood. No damage to any equipment would be anticipated. These tanks have been in operation for years without any emission control equipment and only nuisance odor objections have resulted.
- 6b. The anticipated time of breakdown would be one hour maximum for routine maintenance of draining oil and water, replacing water, etc. Should a unit need to be replaced, the breakdown time should be no more than one day given the allowance to have a spare unit on hand.
- 6c. Routine maintenance time should be held to a minimum as drains are designed into the system to collect oil and water on a continuing basis. Routine periodic inspection and maintenance as well as using corrosion-resistant materials should hold the need for replacement to a minimum given the allowance to have a spare unit on hand.
- 6d. During malfunctions and maintenance times, the operator will not fill or add product to the tanks such that vapors would be "pushed" out the vent opening to the atmosphere.
- 6e. This APC-204 form covers emission source Tank 901 which has air pollution control emission source designated AP-901.



**STATE OF ILLINOIS
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This Agency is authorized to require this information under Illinois Revised Statutes, 1979, Chapter 111 1/2, Section 1039. Disclosure of this information is required under that Section. Failure to do so may prevent this form from being processed and could result in your application being denied. This form has been approved by the Forms Management Center.

| | |
|---|----------------------------|
| <p>OPERATION DURING MALFUNCTION AND BREAKDOWN (WHERE OPERATION DURING MALFUNCTION OR BREAKDOWN EXCEEDS ALLOWABLE EMISSIONS)</p> | <p>FOR AGENCY USE ONLY</p> |
|---|----------------------------|

| | |
|--|--|
| 1. NAME OF PLANT OWNER: Asphalt Materials, Inc. | 2. NAME OF CORPORATE DIVISION OR PLANT (IF DIFFERENT FROM OWNER): Emulsicoat, Inc. |
| 3. STREET ADDRESS OF EMISSION SOURCE: 705 East University Avenue | 4. CITY OF EMISSION SOURCE: Urbana |
| 5. THE APPLICANT SHALL SUBMIT THE INFORMATION REQUESTED BY THIS FORM FOR EACH EMISSION SOURCE WHICH, DURING MALFUNCTION OR BREAKDOWN, MAY VIOLATE THE STANDARDS AND LIMITATIONS SET FORTH IN 35ILL ADM.CODE. | |

6. FOR EACH SUCH EMISSION SOURCE AND DIRECTLY RELATED EQUIPMENT, SUBMIT THE FOLLOWING INFORMATION AND ATTACH TO THIS APPLICATION AS EXHIBIT F:

(a) DESCRIBE THE EXTENT TO WHICH DISCONTINUED OPERATION OF THIS EQUIPMENT WOULD: (A) CAUSE OR TEND TO CAUSE INJURY TO PERSONS OR SEVERE DAMAGE TO EQUIPMENT, OR (B) PREVENT THE APPLICANT FROM PROVIDING ESSENTIAL SERVICES TO THE PUBLIC.

(b) STATE THE ANTICIPATED LENGTH OF TIME THE EQUIPMENT WILL CONTINUE TO OPERATE DURING THE MALFUNCTION OR BREAKDOWN, INCLUDING AN EXPLANATION WHY THIS LENGTH OF TIME IS NECESSARY.

(c) DESCRIBE ALL MEASURES THE APPLICANT WILL TAKE TO MINIMIZE THE DURATION OF A MALFUNCTION OR BREAKDOWN.

(d) DESCRIBE ALL MEASURES THE APPLICANT WILL TAKE TO MINIMIZE THE QUANTITY OF AIR CONTAMINANT EMISSIONS THAT MAY OCCUR DURING A MALFUNCTION OR BREAKDOWN.

(e) IDENTIFY THE EMISSION SOURCE ON THE PROCESS FLOW DIAGRAM TO BE OPERATED DURING MALFUNCTION AND BREAKDOWN THAT EXCEEDS APPLICABLE STANDARDS AND LIMITATIONS.

TOTAL NUMBER OF PAGES IN EXHIBIT F: 1

| ANALYSIS OF EXHAUST GAS TO THE AMBIENT AIR DURING MALFUNCTION AND BREAKDOWN | | | | | |
|---|---------------|--------|---------------|--|----------------------|
| CONTAMINANT | CONCENTRATION | OR | EMISSION RATE | METHOD OF MEASURE AND ANALYSIS | METHOD OF MONITORING |
| 7. CARBON MONOXIDE | a. | PPM | b. LB/HR | c. Results of recovery | d. |
| 8. ORGANIC MATERIALS | a. | PPM | b. .02 LB/HR | c. amounts and information from other industries | d. |
| 9. HYDROGEN SULFIDE | a. | PPM | b. LB/HR | c. using this system | d. |
| 10. NITROGEN OXIDES | a. | PPM | b. LB/HR | c. based on 90% efficiency. | d. |
| 11. SULFUR DIOXIDE | a. | PPM | b. LB/HR | c. | d. |
| 12. PARTICULATE MATTER | a. | GR/SCF | b. LB/HR | c. | d. |
| 13. OTHER (SPECIFY) | a. | PPM | b. LB/HR | c. | d. |

14. EXIT GAS FLOW RATE: 60 ACFM @ 100 °F

15. IF OTHER EMISSION SOURCES OR AIR POLLUTION CONTROL EQUIPMENT ARE EXHAUSTED THROUGH THE STACK OR VENT SERVING THE EQUIPMENT COVERED BY THIS APPLICATION, THE APPLICANT SHALL DEFINE THE EMISSIONS FROM SUCH OTHER EQUIPMENT AND ATTACH INFORMATION TO THIS APPLICATION AS EXHIBIT G.
TOTAL NUMBER OF PAGES IN EXHIBIT G: N/A

EXHIBIT F

- 6a. Discontinued operation of this equipment would not be expected to harm or injure personnel or neighboring citizens. Vapors carrying asphalt odors would be released causing a nuisance odor problem which is objectionable to the immediate neighborhood. No damage to any equipment would be anticipated. These tanks have been in operation for years without any emission control equipment and only nuisance odor objections have resulted.
- 6b. The anticipated time of breakdown would be one hour maximum for routine maintenance of draining oil and water, replacing water, etc. Should a unit need to be replaced, the breakdown time should be no more than one day given the allowance to have a spare unit on hand.
- 6c. Routine maintenance time should be held to a minimum as drains are designed into the system to collect oil and water on a continuing basis. Routine periodic inspection and maintenance as well as using corrosion-resistant materials should hold the need for replacement to a minimum given the allowance to have a spare unit on hand.
- 6d. During malfunctions and maintenance times, the operator will not fill or add product to the tanks such that vapors would be "pushed" out the vent opening to the atmosphere.
- 6e. This APC-204 form covers emission source Tank 902 which has air pollution control emission source designated AP-902.



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| | |
|---|----------------------------|
| <p>OPERATION DURING MALFUNCTION AND BREAKDOWN (WHERE OPERATION DURING MALFUNCTION OR BREAKDOWN EXCEEDS ALLOWABLE EMISSIONS)</p> | <p>FOR AGENCY USE ONLY</p> |
|---|----------------------------|

| | |
|---|--|
| 1. NAME OF PLANT OWNER: <p style="text-align: center;">Asphalt Materials, Inc.</p> | 2. NAME OF CORPORATE DIVISION OR PLANT (IF DIFFERENT FROM OWNER): <p style="text-align: center;">Emulsicoat, Inc.</p> |
| 3. STREET ADDRESS OF EMISSION SOURCE: <p style="text-align: center;">705 East University Avenue</p> | 4. CITY OF EMISSION SOURCE: <p style="text-align: center;">Urbana</p> |
| 5. THE APPLICANT SHALL SUBMIT THE INFORMATION REQUESTED BY THIS FORM FOR EACH EMISSION SOURCE WHICH, DURING MALFUNCTION OR BREAKDOWN, MAY VIOLATE THE STANDARDS AND LIMITATIONS SET FORTH IN 35 ILL. ADM. CODE. | |

6. FOR EACH SUCH EMISSION SOURCE AND DIRECTLY RELATED EQUIPMENT, SUBMIT THE FOLLOWING INFORMATION AND ATTACH TO THIS APPLICATION AS EXHIBIT F:

(a) DESCRIBE THE EXTENT TO WHICH DISCONTINUED OPERATION OF THIS EQUIPMENT WOULD: (A) CAUSE OR TEND TO CAUSE INJURY TO PERSONS OR SEVERE DAMAGE TO EQUIPMENT, OR (B) PREVENT THE APPLICANT FROM PROVIDING ESSENTIAL SERVICES TO THE PUBLIC.

(b) STATE THE ANTICIPATED LENGTH OF TIME THE EQUIPMENT WILL CONTINUE TO OPERATE DURING THE MALFUNCTION OR BREAKDOWN, INCLUDING AN EXPLANATION WHY THIS LENGTH OF TIME IS NECESSARY.

(c) DESCRIBE ALL MEASURES THE APPLICANT WILL TAKE TO MINIMIZE THE DURATION OF A MALFUNCTION OR BREAKDOWN.

(d) DESCRIBE ALL MEASURES THE APPLICANT WILL TAKE TO MINIMIZE THE QUANTITY OF AIR CONTAMINANT EMISSIONS THAT MAY OCCUR DURING A MALFUNCTION OR BREAKDOWN.

(e) IDENTIFY THE EMISSION SOURCE ON THE PROCESS FLOW DIAGRAM TO BE OPERATED DURING MALFUNCTION AND BREAKDOWN THAT EXCEEDS APPLICABLE STANDARDS AND LIMITATIONS.

TOTAL NUMBER OF PAGES IN EXHIBIT F: 1

| ANALYSIS OF EXHAUST GAS TO THE AMBIENT AIR DURING MALFUNCTION AND BREAKDOWN | | | | | |
|---|---------------|--------|---------------|--|----------------------|
| CONTAMINANT | CONCENTRATION | OR | EMISSION RATE | METHOD OF MEASURE AND ANALYSIS | METHOD OF MONITORING |
| 7. CARBON MONOXIDE | a. PPM | b. | LB/HR | c. Results of recovery | d. |
| 8. ORGANIC MATERIALS | a. PPM | b. .02 | LB/HR | c. amounts and information from other industries | d. |
| 9. HYDROGEN SULFIDE | a. PPM | b. | LB/HR | c. using this system based on 90% efficiency. | d. |
| 10. NITROGEN OXIDES | a. PPM | b. | LB/HR | c. | d. |
| 11. SULFUR DIOXIDE | a. PPM | b. | LB/HR | c. | d. |
| 12. PARTICULATE MATTER | a. GR/SCF | b. | LB/HR | c. | d. |
| 13. OTHER (SPECIFY) | a. PPM | b. | LB/HR | c. | d. |

14. EXIT GAS FLOW RATE: 60 ACFM @ 100 °F

15. IF OTHER EMISSION SOURCES OR AIR POLLUTION CONTROL EQUIPMENT ARE EXHAUSTED THROUGH THE STACK OR VENT SERVING THE EQUIPMENT COVERED BY THIS APPLICATION, THE APPLICANT SHALL DEFINE THE EMISSIONS FROM SUCH OTHER EQUIPMENT AND ATTACH INFORMATION TO THIS APPLICATION AS EXHIBIT G.

TOTAL NUMBER OF PAGES IN EXHIBIT G: N/A

EXHIBIT F

- 6a. Discontinued operation of this equipment would not be expected to harm or injure personnel or neighboring citizens. Vapors carrying asphalt odors would be released causing a nuisance odor problem which is objectionable to the immediate neighborhood. No damage to any equipment would be anticipated. These tanks have been in operation for years without any emission control equipment and only nuisance odor objections have resulted.
- 6b. The anticipated time of breakdown would be one hour maximum for routine maintenance of draining oil and water, replacing water, etc. Should a unit need to be replaced, the breakdown time should be no more than one day given the allowance to have a spare unit on hand.
- 6c. Routine maintenance time should be held to a minimum as drains are designed into the system to collect oil and water on a continuing basis. Routine periodic inspection and maintenance as well as using corrosion-resistant materials should hold the need for replacement to a minimum given the allowance to have a spare unit on hand.
- 6d. During malfunctions and maintenance times, the operator will not fill or add product to the tanks such that vapors would be "pushed" out the vent opening to the atmosphere.
- 6e. This APC-204 form covers emission source Tank 903 which has air pollution control emission source designated AP-903.



**STATE OF ILLINOIS
ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF AIR POLLUTION CONTROL
2200 CHURCHILL ROAD
SPRINGFIELD, ILLINOIS 62794-9276**

This Agency is authorized to require this information under Illinois Revised Statutes, 1979, Chapter 111 1/2, Section 1039. Disclosure of this information is required under that Section. Failure to do so may prevent this form from being processed and could result in your application being denied. This form has been approved by the Forms Management Center.

| | |
|---|----------------------------|
| <p style="text-align: center;">OPERATION DURING MALFUNCTION AND BREAKDOWN (WHERE OPERATION DURING MALFUNCTION OR BREAKDOWN EXCEEDS ALLOWABLE EMISSIONS)</p> | <p>FOR AGENCY USE ONLY</p> |
|---|----------------------------|

| | |
|---|--|
| 1. NAME OF PLANT OWNER: <p style="text-align: center;">Asphalt Materials, Inc.</p> | 2. NAME OF CORPORATE DIVISION OR PLANT (IF DIFFERENT FROM OWNER): <p style="text-align: center;">Emulsicoat, Inc.</p> |
| 3. STREET ADDRESS OF EMISSION SOURCE: <p style="text-align: center;">705 East University Avenue</p> | 4. CITY OF EMISSION SOURCE: <p style="text-align: center;">Urbana</p> |
| 5. THE APPLICANT SHALL SUBMIT THE INFORMATION REQUESTED BY THIS FORM FOR EACH EMISSION SOURCE WHICH, DURING MALFUNCTION OR BREAKDOWN, MAY VIOLATE THE STANDARDS AND LIMITATIONS SET FORTH IN 35 ILL. ADM. CODE. | |

6. FOR EACH SUCH EMISSION SOURCE AND DIRECTLY RELATED EQUIPMENT, SUBMIT THE FOLLOWING INFORMATION AND ATTACH TO THIS APPLICATION AS EXHIBIT F:

(a) DESCRIBE THE EXTENT TO WHICH DISCONTINUED OPERATION OF THIS EQUIPMENT WOULD: (A) CAUSE OR TEND TO CAUSE INJURY TO PERSONS OR SEVERE DAMAGE TO EQUIPMENT, OR (B) PREVENT THE APPLICANT FROM PROVIDING ESSENTIAL SERVICES TO THE PUBLIC.

(b) STATE THE ANTICIPATED LENGTH OF TIME THE EQUIPMENT WILL CONTINUE TO OPERATE DURING THE MALFUNCTION OR BREAKDOWN, INCLUDING AN EXPLANATION WHY THIS LENGTH OF TIME IS NECESSARY.

(c) DESCRIBE ALL MEASURES THE APPLICANT WILL TAKE TO MINIMIZE THE DURATION OF A MALFUNCTION OR BREAKDOWN.

(d) DESCRIBE ALL MEASURES THE APPLICANT WILL TAKE TO MINIMIZE THE QUANTITY OF AIR CONTAMINANT EMISSIONS THAT MAY OCCUR DURING A MALFUNCTION OR BREAKDOWN.

(e) IDENTIFY THE EMISSION SOURCE ON THE PROCESS FLOW DIAGRAM TO BE OPERATED DURING MALFUNCTION AND BREAKDOWN THAT EXCEEDS APPLICABLE STANDARDS AND LIMITATIONS.

TOTAL NUMBER OF PAGES IN EXHIBIT F: 1

| ANALYSIS OF EXHAUST GAS TO THE AMBIENT AIR DURING MALFUNCTION AND BREAKDOWN | | | | | |
|---|---------------|--------|---------------|--|----------------------|
| CONTAMINANT | CONCENTRATION | OR | EMISSION RATE | METHOD OF MEASURE AND ANALYSIS | METHOD OF MONITORING |
| 7. CARBON MONOXIDE | a. | PPM | b. LB/HR | c. Results of recovery | d. |
| 8. ORGANIC MATERIALS | a. | PPM | b. .02 LB/HR | c. amounts and information from other industries | d. |
| 9. HYDROGEN SULFIDE | a. | PPM | b. LB/HR | c. using this system | d. |
| 10. NITROGEN OXIDES | a. | PPM | b. LB/HR | c. based on 90% efficiency. | d. |
| 11. SULFUR DIOXIDE | a. | PPM | b. LB/HR | c. | d. |
| 12. PARTICULATE MATTER | a. | GR/SCF | b. LB/HR | c. | d. |
| 13. OTHER (SPECIFY) | a. | PPM | b. LB/HR | c. | d. |

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|--|
| 14. EXIT GAS FLOW RATE: <u>60</u> ACFM @ <u>100</u> °F |
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|---|
| 15. IF OTHER EMISSION SOURCES OR AIR POLLUTION CONTROL EQUIPMENT ARE EXHAUSTED THROUGH THE STACK OR VENT SERVING THE EQUIPMENT COVERED BY THIS APPLICATION, THE APPLICANT SHALL DEFINE THE EMISSIONS FROM SUCH OTHER EQUIPMENT AND ATTACH INFORMATION TO THIS APPLICATION AS EXHIBIT G. TOTAL NUMBER OF PAGES IN EXHIBIT G: <u>N/A</u> |
|---|

EXHIBIT F

- 6a. Discontinued operation of this equipment would not be expected to harm or injure personnel or neighboring citizens. Vapors carrying asphalt odors would be released causing a nuisance odor problem which is objectionable to the immediate neighborhood. No damage to any equipment would be anticipated. These tanks have been in operation for years without any emission control equipment and only nuisance odor objections have resulted.
- 6b. The anticipated time of breakdown would be one hour maximum for routine maintenance of draining oil and water, replacing water, etc. Should a unit need to be replaced, the breakdown time should be no more than one day given the allowance to have a spare unit on hand.
- 6c. Routine maintenance time should be held to a minimum as drains are designed into the system to collect oil and water on a continuing basis. Routine periodic inspection and maintenance as well as using corrosion-resistant materials should hold the need for replacement to a minimum given the allowance to have a spare unit on hand.
- 6d. During malfunctions and maintenance times, the operator will not fill or add product to the tanks such that vapors would be "pushed" out the vent opening to the atmosphere.
- 6e. This APC-204 form covers emission source Tank 904 which has air pollution control emission source designated AP-904.



**STATE OF ILLINOIS
ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF AIR POLLUTION CONTROL
2200 CHURCHILL ROAD
SPRINGFIELD, ILLINOIS 62794-9276**

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| | |
|--|----------------------------|
| <p align="center">OPERATION DURING MALFUNCTION AND BREAKDOWN (WHERE OPERATION DURING MALFUNCTION OR BREAKDOWN EXCEEDS ALLOWABLE EMISSIONS)</p> | <p>FOR AGENCY USE ONLY</p> |
|--|----------------------------|

| | |
|--|--|
| <p>1. NAME OF PLANT OWNER: Asphalt Materials, Inc.</p> | <p>2. NAME OF CORPORATE DIVISION OR PLANT (IF DIFFERENT FROM OWNER): Emulsicoat, Inc.</p> |
| <p>3. STREET ADDRESS OF EMISSION SOURCE: 705 East University Avenue</p> | <p>4. CITY OF EMISSION SOURCE: Urbana</p> |
| <p>5. THE APPLICANT SHALL SUBMIT THE INFORMATION REQUESTED BY THIS FORM FOR EACH EMISSION SOURCE WHICH, DURING MALFUNCTION OR BREAKDOWN, MAY VIOLATE THE STANDARDS AND LIMITATIONS SET FORTH IN 35 ILL. ADM. CODE.</p> | |

6. FOR EACH SUCH EMISSION SOURCE AND DIRECTLY RELATED EQUIPMENT, SUBMIT THE FOLLOWING INFORMATION AND ATTACH TO THIS APPLICATION AS EXHIBIT F:

- (a) DESCRIBE THE EXTENT TO WHICH DISCONTINUED OPERATION OF THIS EQUIPMENT WOULD: (A) CAUSE OR TEND TO CAUSE INJURY TO PERSONS OR SEVERE DAMAGE TO EQUIPMENT, OR (B) PREVENT THE APPLICANT FROM PROVIDING ESSENTIAL SERVICES TO THE PUBLIC.
- (b) STATE THE ANTICIPATED LENGTH OF TIME THE EQUIPMENT WILL CONTINUE TO OPERATE DURING THE MALFUNCTION OR BREAKDOWN, INCLUDING AN EXPLANATION WHY THIS LENGTH OF TIME IS NECESSARY.
- (c) DESCRIBE ALL MEASURES THE APPLICANT WILL TAKE TO MINIMIZE THE DURATION OF A MALFUNCTION OR BREAKDOWN.
- (d) DESCRIBE ALL MEASURES THE APPLICANT WILL TAKE TO MINIMIZE THE QUANTITY OF AIR CONTAMINANT EMISSIONS THAT MAY OCCUR DURING A MALFUNCTION OR BREAKDOWN.
- (e) IDENTIFY THE EMISSION SOURCE ON THE PROCESS FLOW DIAGRAM TO BE OPERATED DURING MALFUNCTION AND BREAKDOWN THAT EXCEEDS APPLICABLE STANDARDS AND LIMITATIONS.

TOTAL NUMBER OF PAGES IN EXHIBIT F: 1

| ANALYSIS OF EXHAUST GAS TO THE AMBIENT AIR DURING MALFUNCTION AND BREAKDOWN | | | | | |
|---|---------------|--------|---------------|--|----------------------|
| CONTAMINANT | CONCENTRATION | OR | EMISSION RATE | METHOD OF MEASURE AND ANALYSIS | METHOD OF MONITORING |
| 7. CARBON MONOXIDE | a. | PPM | b. LB/HR | c. Results of recovery | d. |
| 8. ORGANIC MATERIALS | a. | PPM | b. .02 LB/HR | c. amounts and information from other industries | d. |
| 9. HYDROGEN SULFIDE | a. | PPM | b. LB/HR | c. using this system | d. |
| 10. NITROGEN OXIDES | a. | PPM | b. LB/HR | c. based on 90% efficiency. | d. |
| 11. SULFUR DIOXIDE | a. | PPM | b. LB/HR | c. | d. |
| 12. PARTICULATE MATTER | a. | GR/SCF | b. LB/HR | c. | d. |
| 13. OTHER (SPECIFY) | a. | PPM | b. LB/HR | c. | d. |

14. EXIT GAS FLOW RATE: 60 ACFM @ 100 °F

15. IF OTHER EMISSION SOURCES OR AIR POLLUTION CONTROL EQUIPMENT ARE EXHAUSTED THROUGH THE STACK OR VENT SERVING THE EQUIPMENT COVERED BY THIS APPLICATION, THE APPLICANT SHALL DEFINE THE EMISSIONS FROM SUCH OTHER EQUIPMENT AND ATTACH INFORMATION TO THIS APPLICATION AS EXHIBIT G.
TOTAL NUMBER OF PAGES IN EXHIBIT G: N/A

EXHIBIT F

- 6a. Discontinued operation of this equipment would not be expected to harm or injure personnel or neighboring citizens. Vapors carrying asphalt odors would be released causing a nuisance odor problem which is objectionable to the immediate neighborhood. No damage to any equipment would be anticipated. These tanks have been in operation for years without any emission control equipment and only nuisance odor objections have resulted.
- 6b. The anticipated time of breakdown would be one hour maximum for routine maintenance of draining oil and water, replacing water, etc. Should a unit need to be replaced, the breakdown time should be no more than one day given the allowance to have a spare unit on hand.
- 6c. Routine maintenance time should be held to a minimum as drains are designed into the system to collect oil and water on a continuing basis. Routine periodic inspection and maintenance as well as using corrosion-resistant materials should hold the need for replacement to a minimum given the allowance to have a spare unit on hand.
- 6d. During malfunctions and maintenance times, the operator will not fill or add product to the tanks such that vapors would be "pushed" out the vent opening to the atmosphere.
- 6e. This APC-204 form covers emission source Tank 905 which has air pollution control emission source designated AP-905.



**STATE OF ILLINOIS
ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF AIR POLLUTION CONTROL
2200 CHURCHILL ROAD
SPRINGFIELD, ILLINOIS 62794-9276**

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| | |
|---|----------------------------|
| <p align="center">OPERATION DURING MALFUNCTION AND BREAKDOWN (WHERE OPERATION DURING MALFUNCTION OR BREAKDOWN EXCEEDS ALLOWABLE EMISSIONS)</p> | <p>FOR AGENCY USE ONLY</p> |
|---|----------------------------|

| | |
|---|--|
| <p>1. NAME OF PLANT OWNER: Asphalt Materials, Inc.</p> | <p>2. NAME OF CORPORATE DIVISION OR PLANT (IF DIFFERENT FROM OWNER): Emulsicoat, Inc.</p> |
| <p>3. STREET ADDRESS OF EMISSION SOURCE: 705 East University Avenue</p> | <p>4. CITY OF EMISSION SOURCE: Urbana</p> |
| <p>5. THE APPLICANT SHALL SUBMIT THE INFORMATION REQUESTED BY THIS FORM FOR EACH EMISSION SOURCE WHICH, DURING MALFUNCTION OR BREAKDOWN, MAY VIOLATE THE STANDARDS AND LIMITATIONS SET FORTH IN 35ILL ADM.CODE.</p> | |

6. FOR EACH SUCH EMISSION SOURCE AND DIRECTLY RELATED EQUIPMENT, SUBMIT THE FOLLOWING INFORMATION AND ATTACH TO THIS APPLICATION AS EXHIBIT F:

- (a) DESCRIBE THE EXTENT TO WHICH DISCONTINUED OPERATION OF THIS EQUIPMENT WOULD: (A) CAUSE OR TEND TO CAUSE INJURY TO PERSONS OR SEVERE DAMAGE TO EQUIPMENT, OR (B) PREVENT THE APPLICANT FROM PROVIDING ESSENTIAL SERVICES TO THE PUBLIC.
- (b) STATE THE ANTICIPATED LENGTH OF TIME THE EQUIPMENT WILL CONTINUE TO OPERATE DURING THE MALFUNCTION OR BREAKDOWN, INCLUDING AN EXPLANATION WHY THIS LENGTH OF TIME IS NECESSARY.
- (c) DESCRIBE ALL MEASURES THE APPLICANT WILL TAKE TO MINIMIZE THE DURATION OF A MALFUNCTION OR BREAKDOWN.
- (d) DESCRIBE ALL MEASURES THE APPLICANT WILL TAKE TO MINIMIZE THE QUANTITY OF AIR CONTAMINANT EMISSIONS THAT MAY OCCUR DURING A MALFUNCTION OR BREAKDOWN.
- (e) IDENTIFY THE EMISSION SOURCE ON THE PROCESS FLOW DIAGRAM TO BE OPERATED DURING MALFUNCTION AND BREAKDOWN THAT EXCEEDS APPLICABLE STANDARDS AND LIMITATIONS.

TOTAL NUMBER OF PAGES IN EXHIBIT F: 1

| ANALYSIS OF EXHAUST GAS TO THE AMBIENT AIR DURING MALFUNCTION AND BREAKDOWN | | | | | |
|---|---------------|--------|---------------|--|----------------------|
| CONTAMINANT | CONCENTRATION | OR | EMISSION RATE | METHOD OF MEASURE AND ANALYSIS | METHOD OF MONITORING |
| 7. CARBON MONOXIDE | a. | PPM | b. LB/HR | c. Results of recovery | d. |
| 8. ORGANIC MATERIALS | a. | PPM | b. .02 LB/HR | c. amounts and information from other industries | d. |
| 9. HYDROGEN SULFIDE | a. | PPM | b. LB/HR | c. using this system | d. |
| 10. NITROGEN OXIDES | a. | PPM | b. LB/HR | c. based on 90% efficiency. | d. |
| 11. SULFUR DIOXIDE | a. | PPM | b. LB/HR | c. | d. |
| 12. PARTICULATE MATTER | a. | GR/SCF | b. LB/HR | c. | d. |
| 13. OTHER (SPECIFY) | a. | PPM | b. LB/HR | c. | d. |

14. EXIT GAS FLOW RATE: 60 ACFM @ 100 °F

15. IF OTHER EMISSION SOURCES OR AIR POLLUTION CONTROL EQUIPMENT ARE EXHAUSTED THROUGH THE STACK OR VENT SERVING THE EQUIPMENT COVERED BY THIS APPLICATION, THE APPLICANT SHALL DEFINE THE EMISSIONS FROM SUCH OTHER EQUIPMENT AND ATTACH INFORMATION TO THIS APPLICATION AS EXHIBIT G.
TOTAL NUMBER OF PAGES IN EXHIBIT G: N/A

EXHIBIT F

- 6a. Discontinued operation of this equipment would not be expected to harm or injure personnel or neighboring citizens. Vapors carrying asphalt odors would be released causing a nuisance odor problem which is objectionable to the immediate neighborhood. No damage to any equipment would be anticipated. These tanks have been in operation for years without any emission control equipment and only nuisance odor objections have resulted.
- 6b. The anticipated time of breakdown would be one hour maximum for routine maintenance of draining oil and water, replacing water, etc. Should a unit need to be replaced, the breakdown time should be no more than one day given the allowance to have a spare unit on hand.
- 6c. Routine maintenance time should be held to a minimum as drains are designed into the system to collect oil and water on a continuing basis. Routine periodic inspection and maintenance as well as using corrosion-resistant materials should hold the need for replacement to a minimum given the allowance to have a spare unit on hand.
- 6d. During malfunctions and maintenance times, the operator will not fill or add product to the tanks such that vapors would be "pushed" out the vent opening to the atmosphere.
- 6e. This APC-204 form covers emission source Tank 906 which has air pollution control emission source designated AP-906.



**STATE OF ILLINOIS
ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF AIR POLLUTION CONTROL
2200 CHURCHILL ROAD
SPRINGFIELD, ILLINOIS 62794-9276**

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| | |
|---|----------------------------|
| <p align="center">OPERATION DURING MALFUNCTION AND BREAKDOWN (WHERE OPERATION DURING MALFUNCTION OR BREAKDOWN EXCEEDS ALLOWABLE EMISSIONS)</p> | <p>FOR AGENCY USE ONLY</p> |
|---|----------------------------|

| | |
|--|--|
| <p>1. NAME OF PLANT OWNER: Asphalt Materials, Inc.</p> | <p>2. NAME OF CORPORATE DIVISION OR PLANT (IF DIFFERENT FROM OWNER): Emulsicoat, Inc.</p> |
| <p>3. STREET ADDRESS OF EMISSION SOURCE: 705 East University Avenue</p> | <p>4. CITY OF EMISSION SOURCE: Urbana</p> |
| <p>5. THE APPLICANT SHALL SUBMIT THE INFORMATION REQUESTED BY THIS FORM FOR EACH EMISSION SOURCE WHICH, DURING MALFUNCTION OR BREAKDOWN, MAY VIOLATE THE STANDARDS AND LIMITATIONS SET FORTH IN 35 ILL. ADM. CODE.</p> | |

6. FOR EACH SUCH EMISSION SOURCE AND DIRECTLY RELATED EQUIPMENT, SUBMIT THE FOLLOWING INFORMATION AND ATTACH TO THIS APPLICATION AS EXHIBIT F:

- (a) DESCRIBE THE EXTENT TO WHICH DISCONTINUED OPERATION OF THIS EQUIPMENT WOULD: (A) CAUSE OR TEND TO CAUSE INJURY TO PERSONS OR SEVERE DAMAGE TO EQUIPMENT, OR (B) PREVENT THE APPLICANT FROM PROVIDING ESSENTIAL SERVICES TO THE PUBLIC.
- (b) STATE THE ANTICIPATED LENGTH OF TIME THE EQUIPMENT WILL CONTINUE TO OPERATE DURING THE MALFUNCTION OR BREAKDOWN, INCLUDING AN EXPLANATION WHY THIS LENGTH OF TIME IS NECESSARY.
- (c) DESCRIBE ALL MEASURES THE APPLICANT WILL TAKE TO MINIMIZE THE DURATION OF A MALFUNCTION OR BREAKDOWN.
- (d) DESCRIBE ALL MEASURES THE APPLICANT WILL TAKE TO MINIMIZE THE QUANTITY OF AIR CONTAMINANT EMISSIONS THAT MAY OCCUR DURING A MALFUNCTION OR BREAKDOWN.
- (e) IDENTIFY THE EMISSION SOURCE ON THE PROCESS FLOW DIAGRAM TO BE OPERATED DURING MALFUNCTION AND BREAKDOWN THAT EXCEEDS APPLICABLE STANDARDS AND LIMITATIONS.

TOTAL NUMBER OF PAGES IN EXHIBIT F: 1

| ANALYSIS OF EXHAUST GAS TO THE AMBIENT AIR DURING MALFUNCTION AND BREAKDOWN | | | | | | | |
|---|---------------|--------|----|-----------|--|--------------------------------|----------------------|
| CONTAMINANT | CONCENTRATION | | OR | | EMISSION RATE | METHOD OF MEASURE AND ANALYSIS | METHOD OF MONITORING |
| | a. | PPM | b. | LB/HR | | | |
| 7. CARBON MONOXIDE | a. | PPM | b. | LB/HR | c. Results of recovery | d. | |
| 8. ORGANIC MATERIALS | a. | PPM | b. | .02 LB/HR | c. amounts and information from other industries | d. | |
| 9. HYDROGEN SULFIDE | a. | PPM | b. | LB/HR | c. using this system based on 90% efficiency. | d. | |
| 10. NITROGEN OXIDES | a. | PPM | b. | LB/HR | c. | d. | |
| 11. SULFUR DIOXIDE | a. | PPM | b. | LB/HR | c. | d. | |
| 12. PARTICULATE MATTER | a. | GR/SCF | b. | LB/HR | c. | d. | |
| 13. OTHER (SPECIFY) | a. | PPM | b. | LB/HR | c. | d. | |

14. EXIT GAS FLOW RATE: 60 ACFM @ 100 °F

15. IF OTHER EMISSION SOURCES OR AIR POLLUTION CONTROL EQUIPMENT ARE EXHAUSTED THROUGH THE STACK OR VENT SERVING THE EQUIPMENT COVERED BY THIS APPLICATION, THE APPLICANT SHALL DEFINE THE EMISSIONS FROM SUCH OTHER EQUIPMENT AND ATTACH INFORMATION TO THIS APPLICATION AS EXHIBIT G.
TOTAL NUMBER OF PAGES IN EXHIBIT G: N/A

EXHIBIT F

- 6a. Discontinued operation of this equipment would not be expected to harm or injure personnel or neighboring citizens. Vapors carrying asphalt odors would be released causing a nuisance odor problem which is objectionable to the immediate neighborhood. No damage to any equipment would be anticipated. These tanks have been in operation for years without any emission control equipment and only nuisance odor objections have resulted.
- 6b. The anticipated time of breakdown would be one hour maximum for routine maintenance of draining oil and water, replacing water, etc. Should a unit need to be replaced, the breakdown time should be no more than one day given the allowance to have a spare unit on hand.
- 6c. Routine maintenance time should be held to a minimum as drains are designed into the system to collect oil and water on a continuing basis. Routine periodic inspection and maintenance as well as using corrosion-resistant materials should hold the need for replacement to a minimum given the allowance to have a spare unit on hand.
- 6d. During malfunctions and maintenance times, the operator will not fill or add product to the tanks such that vapors would be "pushed" out the vent opening to the atmosphere.
- 6e. This APC-204 form covers emission source Tank 907 which has air pollution control emission source designated AP-907.



**STATE OF ILLINOIS
ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF AIR POLLUTION CONTROL
2200 CHURCHILL ROAD
SPRINGFIELD, ILLINOIS 62794-9276**

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| | |
|--|---------------------|
| OPERATION DURING MALFUNCTION AND BREAKDOWN (WHERE OPERATION DURING MALFUNCTION OR BREAKDOWN EXCEEDS ALLOWABLE EMISSIONS) | FOR AGENCY USE ONLY |
|--|---------------------|

| | |
|---|---|
| 1. NAME OF PLANT OWNER: Asphalt Materials, Inc. | 2. NAME OF CORPORATE DIVISION OR PLANT (IF DIFFERENT FROM OWNER): Emulsicoat, Inc. |
| 3. STREET ADDRESS OF EMISSION SOURCE: 705 East University Avenue | 4. CITY OF EMISSION SOURCE: Urbana |
| 5. THE APPLICANT SHALL SUBMIT THE INFORMATION REQUESTED BY THIS FORM FOR EACH EMISSION SOURCE WHICH, DURING MALFUNCTION OR BREAKDOWN, MAY VIOLATE THE STANDARDS AND LIMITATIONS SET FORTH IN 35 ILL. ADM. CODE. | |

6. FOR EACH SUCH EMISSION SOURCE AND DIRECTLY RELATED EQUIPMENT, SUBMIT THE FOLLOWING INFORMATION AND ATTACH TO THIS APPLICATION AS EXHIBIT F:

(a) DESCRIBE THE EXTENT TO WHICH DISCONTINUED OPERATION OF THIS EQUIPMENT WOULD: (A) CAUSE OR TEND TO CAUSE INJURY TO PERSONS OR SEVERE DAMAGE TO EQUIPMENT, OR (B) PREVENT THE APPLICANT FROM PROVIDING ESSENTIAL SERVICES TO THE PUBLIC.

(b) STATE THE ANTICIPATED LENGTH OF TIME THE EQUIPMENT WILL CONTINUE TO OPERATE DURING THE MALFUNCTION OR BREAKDOWN, INCLUDING AN EXPLANATION WHY THIS LENGTH OF TIME IS NECESSARY.

(c) DESCRIBE ALL MEASURES THE APPLICANT WILL TAKE TO MINIMIZE THE DURATION OF A MALFUNCTION OR BREAKDOWN.

(d) DESCRIBE ALL MEASURES THE APPLICANT WILL TAKE TO MINIMIZE THE QUANTITY OF AIR CONTAMINANT EMISSIONS THAT MAY OCCUR DURING A MALFUNCTION OR BREAKDOWN.

(e) IDENTIFY THE EMISSION SOURCE ON THE PROCESS FLOW DIAGRAM TO BE OPERATED DURING MALFUNCTION AND BREAKDOWN THAT EXCEEDS APPLICABLE STANDARDS AND LIMITATIONS.

TOTAL NUMBER OF PAGES IN EXHIBIT F: 1

| ANALYSIS OF EXHAUST GAS TO THE AMBIENT AIR DURING MALFUNCTION AND BREAKDOWN | | | | | |
|---|---------------|--------|----------------|---|----------------------|
| CONTAMINANT | CONCENTRATION | OR | EMISSION RATE | METHOD OF MEASURE AND ANALYSIS | METHOD OF MONITORING |
| 7. CARBON MONOXIDE | a. | PPM | b. LB/HR | c. Recovery of 5 | d. |
| 8. ORGANIC MATERIALS | a. | PPM | b. .1225 LB/HR | c. gallons of Oil every 2 weeks during peak season. Results from other industries using this system given 96% efficiency. | d. |
| 9. HYDROGEN SULFIDE | a. | PPM | b. LB/HR | c. | d. |
| 10. NITROGEN OXIDES | a. | PPM | b. LB/HR | c. | d. |
| 11. SULFUR DIOXIDE | a. | PPM | b. LB/HR | c. | d. |
| 12. PARTICULATE MATTER | a. | GR/SCF | b. LB/HR | c. | d. |
| 13. OTHER (SPECIFY) | a. | PPM | b. LB/HR | c. | d. |

14. EXIT GAS FLOW RATE: 750 ACFM @ 200 °F

15. IF OTHER EMISSION SOURCES OR AIR POLLUTION CONTROL EQUIPMENT ARE EXHAUSTED THROUGH THE STACK OR VENT SERVING THE EQUIPMENT COVERED BY THIS APPLICATION, THE APPLICANT SHALL DEFINE THE EMISSIONS FROM SUCH OTHER EQUIPMENT AND ATTACH INFORMATION TO THIS APPLICATION AS EXHIBIT G.
 TOTAL NUMBER OF PAGES IN EXHIBIT G: N/A



STATE OF ILLINOIS
 ENVIRONMENTAL PROTECTION AGENCY
 DIVISION OF AIR POLLUTION CONTROL
 2200 CHURCHILL ROAD
 SPRINGFIELD, ILLINOIS 62794-9276

| | |
|--|---------------------|
| OPERATION DURING STARTUP (WHERE OPERATION DURING STARTUP EXCEEDS ALLOWABLE EMISSIONS) | FOR AGENCY USE ONLY |
|--|---------------------|

| | |
|--|---|
| 1. NAME OF PLANT OWNER: | 2. NAME OF CORPORATE DIVISION OR PLANT (IF DIFFERENT FROM OWNER): |
| 3. STREET ADDRESS OF EMISSION SOURCE: | 4. CITY OF EMISSION SOURCE: |
| 5. THE APPLICANT SHALL SUBMIT THE INFORMATION REQUESTED BY THIS FORM FOR EACH EMISSION SOURCE WHICH, DURING STARTUP, MAY VIOLATE THE STANDARDS AND LIMITATIONS SET FORTH IN 35 ILL. ADM. CODE. | |

6. FOR EACH SUCH EMISSION SOURCE AND DIRECTLY RELATED EQUIPMENT, SUBMIT THE FOLLOWING INFORMATION AND ATTACH TO THIS APPLICATION AS EXHIBIT E:

- (a) DESCRIBE THE STARTUP PROCEDURE.
- (b) DESCRIBE THOSE PROCEDURES THE APPLICANT WILL TAKE DURING STARTUP TO REDUCE THE EMISSIONS.
- (c) DESCRIBE THE FREQUENCY AND DURATION OF STARTUPS.
- (d) DESCRIBE ALL MEASURES THE APPLICANT WILL TAKE TO MINIMIZE THE FREQUENCY AND DURATION OF STARTUPS.
- (e) IDENTIFY THE EMISSION SOURCE ON THE PROCESS FLOW DIAGRAM TO BE OPERATED DURING STARTUP THAT EXCEEDS APPLICABLE STANDARDS AND LIMITATIONS.

TOTAL NUMBER OF PAGES IN EXHIBIT E: _____

| ANALYSIS OF EXHAUST GAS TO THE AMBIENT AIR DURING STARTUP | | | | | |
|---|---------------|--------|---------------|--------------------------------|----------------------|
| CONTAMINANT | CONCENTRATION | OR | EMISSION RATE | METHOD OF MEASURE AND ANALYSIS | METHOD OF MONITORING |
| 7. CARBON MONOXIDE | a. | PPM | b. LB/HR | c. | d. |
| 8. ORGANIC MATERIALS | a. | PPM | b. LB/HR | c. | d. |
| 9. HYDROGEN SULFIDE | a. | PPM | b. LB/HR | c. | d. |
| 10. NITROGEN OXIDES | a. | PPM | b. LB/HR | c. | d. |
| 11. SULFUR DIOXIDE | a. | PPM | b. LB/HR | c. | d. |
| 12. PARTICULATE MATTER | a. | GR/SCF | b. LB/HR | c. | d. |
| 13. OTHER (SPECIFY) | a. | PPM | b. LB/HR | c. | d. |

14. EXHAUST GAS FLOW RATE: _____ ACFM @ _____ °F

15. IF OTHER EMISSION SOURCES OR AIR POLLUTION CONTROL EQUIPMENT ARE EXHAUSTED THROUGH THE STACK OR VENT SERVING THE EQUIPMENT COVERED BY THIS APPLICATION, THE APPLICANT SHALL DEFINE THE EMISSIONS FROM SUCH OTHER EQUIPMENT AND ATTACH SUCH INFORMATION TO THIS APPLICATION AS EXHIBIT G.

TOTAL NUMBER OF PAGES IN EXHIBIT G: _____

EXHIBIT F

- 6a. Discontinued operation of this equipment would not be expected to harm or injure personnel or neighboring citizens. Vapors carrying asphalt odors would be released causing a nuisance odor problem which is objectionable to the immediate neighborhood. No damage to any equipment would be anticipated. This equipment (loading racks and pumping stations) have been in operation for years without any emission control equipment and only nuisance odor objections have resulted.
- 6b. No foreseeable emissions should be released due to the plan of installing two units and interconnecting the inputs to the filtering units. Should one unit malfunction or be shut down for routine maintenance (changing the filter), a valve would be turned to direct the normal input flow into the other unit. Routine maintenance would be scheduled. In the very unlikely situation of both units malfunctioning simultaneously, the duration of malfunction would only be the time for the manufacturer to respond with their service crew.
- 6c. Duration of malfunction and breakdown will be minimized by using the two "able to be interconnected" units such that when one becomes unuseable, then the other units will handle both groups of sources temporarily.
- 6d. During malfunction and maintenance times, the plant operator will hold loading and rail car unloading to a minimum such that the other unit will not be overloaded. In the rare event of both units malfunctioning simultaneously, rail cars will not be unloaded.
- 6e. This APC-204 form covers the air pollution control emission source designated as AP-1.



**STATE OF ILLINOIS
ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF AIR POLLUTION CONTROL
2200 CHURCHILL ROAD
SPRINGFIELD, ILLINOIS 62794-9276**

This Agency is authorized to require this information under Illinois Revised Statutes, 1979, Chapter 111 1/2, Section 1039. Disclosure of this information is required under that Section. Failure to do so may prevent this form from being processed and could result in your application being denied. This form has been approved by the Forms Management Center.

| | |
|---|----------------------------|
| <p>OPERATION DURING MALFUNCTION AND BREAKDOWN (WHERE OPERATION DURING MALFUNCTION OR BREAKDOWN EXCEEDS ALLOWABLE EMISSIONS)</p> | <p>FOR AGENCY USE ONLY</p> |
|---|----------------------------|

| | |
|---|--|
| 1. NAME OF PLANT OWNER: Asphalt Materials, Inc. | 2. NAME OF CORPORATE DIVISION OR PLANT (IF DIFFERENT FROM OWNER): Emulsicoat, Inc. |
| 3. STREET ADDRESS OF EMISSION SOURCE: 705 East University Avenue | 4. CITY OF EMISSION SOURCE: Urbana |
| 5. THE APPLICANT SHALL SUBMIT THE INFORMATION REQUESTED BY THIS FORM FOR EACH EMISSION SOURCE WHICH, DURING MALFUNCTION OR BREAKDOWN, MAY VIOLATE THE STANDARDS AND LIMITATIONS SET FORTH IN 35 ILL. ADM. CODE. | |

6. FOR EACH SUCH EMISSION SOURCE AND DIRECTLY RELATED EQUIPMENT, SUBMIT THE FOLLOWING INFORMATION AND ATTACH TO THIS APPLICATION AS EXHIBIT F:

(a) DESCRIBE THE EXTENT TO WHICH DISCONTINUED OPERATION OF THIS EQUIPMENT WOULD: (A) CAUSE OR TEND TO CAUSE INJURY TO PERSONS OR SEVERE DAMAGE TO EQUIPMENT, OR (B) PREVENT THE APPLICANT FROM PROVIDING ESSENTIAL SERVICES TO THE PUBLIC.

(b) STATE THE ANTICIPATED LENGTH OF TIME THE EQUIPMENT WILL CONTINUE TO OPERATE DURING THE MALFUNCTION OR BREAKDOWN, INCLUDING AN EXPLANATION WHY THIS LENGTH OF TIME IS NECESSARY.

(c) DESCRIBE ALL MEASURES THE APPLICANT WILL TAKE TO MINIMIZE THE DURATION OF A MALFUNCTION OR BREAKDOWN.

(d) DESCRIBE ALL MEASURES THE APPLICANT WILL TAKE TO MINIMIZE THE QUANTITY OF AIR CONTAMINANT EMISSIONS THAT MAY OCCUR DURING A MALFUNCTION OR BREAKDOWN.

(e) IDENTIFY THE EMISSION SOURCE ON THE PROCESS FLOW DIAGRAM TO BE OPERATED DURING MALFUNCTION AND BREAKDOWN THAT EXCEEDS APPLICABLE STANDARDS AND LIMITATIONS.

TOTAL NUMBER OF PAGES IN EXHIBIT F: 1

| ANALYSIS OF EXHAUST GAS TO THE AMBIENT AIR DURING MALFUNCTION AND BREAKDOWN | | | | | |
|---|---------------|--------|----------------|--|----------------------|
| CONTAMINANT | CONCENTRATION | OR | EMISSION RATE | METHOD OF MEASURE AND ANALYSIS | METHOD OF MONITORING |
| 7. CARBON MONOXIDE | a. | PPM | b. LB/HR | c. Recovery of 5 | d. |
| 8. ORGANIC MATERIALS | a. | PPM | b. .1225 LB/HR | c. every 2 weeks during peak season. Results from other industries using this system given 96% efficiency. | d. |
| 9. HYDROGEN SULFIDE | a. | PPM | b. LB/HR | c. | d. |
| 10. NITROGEN OXIDES | a. | PPM | b. LB/HR | c. | d. |
| 11. SULFUR DIOXIDE | a. | PPM | b. LB/HR | c. | d. |
| 12. PARTICULATE MATTER | a. | GR/SCF | b. LB/HR | c. | d. |
| 13. OTHER (SPECIFY) | a. | PPM | b. LB/HR | c. | d. |

14. EXIT GAS FLOW RATE: 750 ACFM @ 200 °F

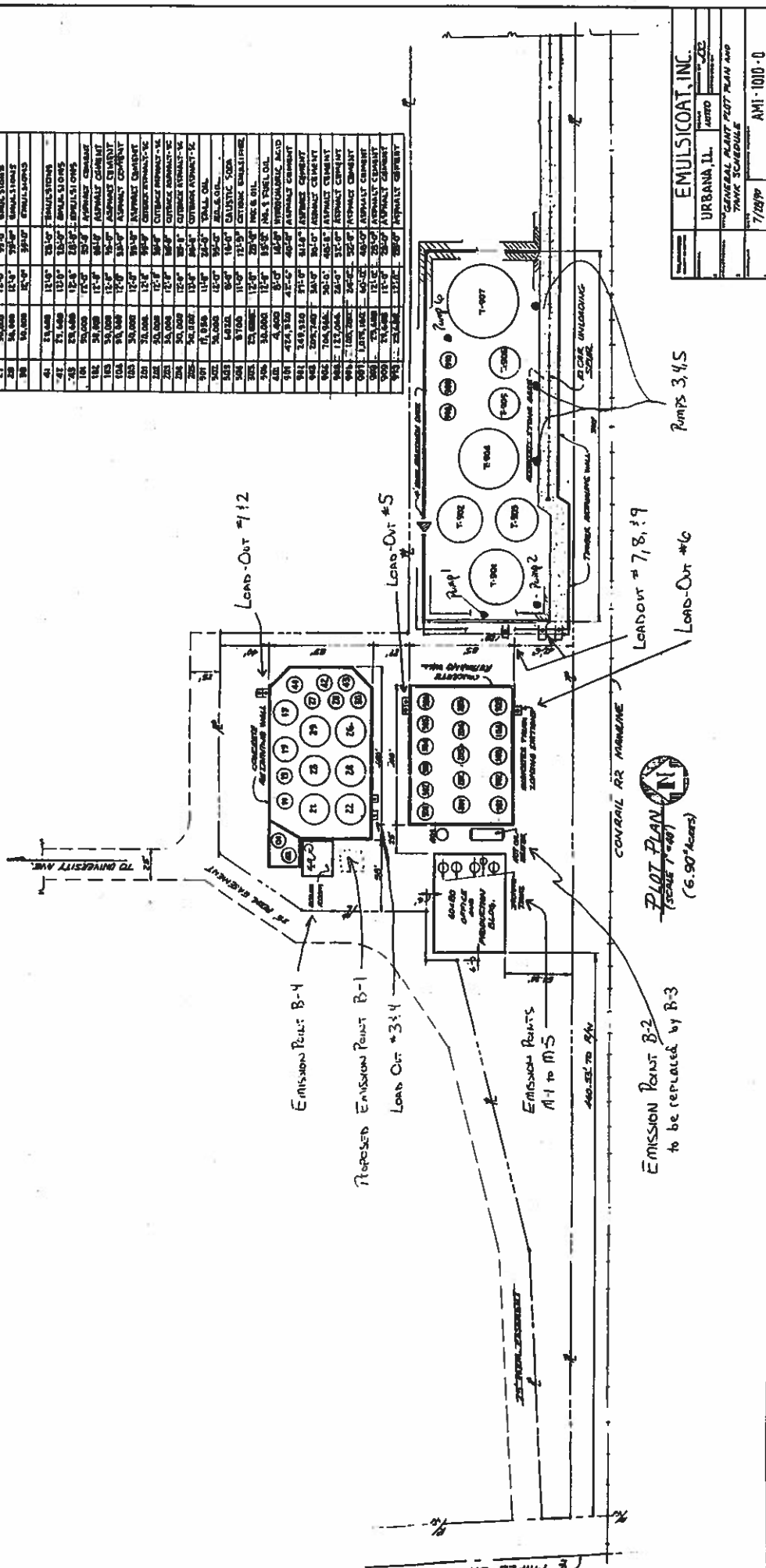
15. IF OTHER EMISSION SOURCES OR AIR POLLUTION CONTROL EQUIPMENT ARE EXHAUSTED THROUGH THE STACK OR VENT SERVING THE EQUIPMENT COVERED BY THIS APPLICATION, THE APPLICANT SHALL DEFINE THE EMISSIONS FROM SUCH OTHER EQUIPMENT AND ATTACH INFORMATION TO THIS APPLICATION AS EXHIBIT G.
TOTAL NUMBER OF PAGES IN EXHIBIT G: N/A

EXHIBIT F

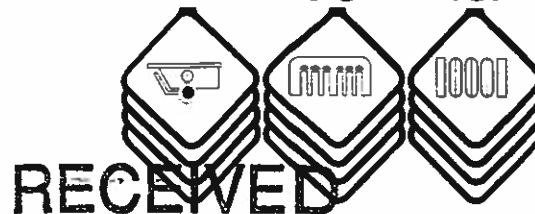
- 6a. Discontinued operation of this equipment would not be expected to harm or injure personnel or neighboring citizens. Vapors carrying asphalt odors would be released causing a nuisance odor problem which is objectionable to the immediate neighborhood. No damage to any equipment would be anticipated. This equipment (loading racks and pumping stations) have been in operation for years without any emission control equipment and only nuisance odor objections have resulted.
- 6b. No foreseeable emissions should be released due to the plan of installing two units and interconnecting the inputs to the filtering units. Should one unit malfunction or be shut down for routine maintenance (changing the filter), a valve would be turned to direct the normal input flow into the other unit. Routine maintenance would be scheduled. In the very unlikely situation of both units malfunctioning simultaneously, the duration of malfunction would only be the time for the manufacturer to respond with their service crew.
- 6c. Duration of malfunction and breakdown will be minimized by using the two "able to be interconnected" units such that when one becomes unuseable, then the other units will handle both groups of sources temporarily.
- 6d. During malfunction and maintenance times, the plant operator will hold loading and rail car unloading to a minimum such that the other unit will not be overloaded. In the rare event of both units malfunctioning simultaneously, rail cars will not be unloaded.
- 6e. This APC-204 form covers the air pollution control emission source designated as AP-2.

TANK SCHEDULE

| TANK NO. | CAPACITY GALLONS | MAT. | HEIGHT FEET | CONTENTS |
|----------|------------------|--------|-------------|------------------|
| 01 | 28,000 | 18'-4" | 11'-0" | NO. 1 FUEL OIL |
| 02 | 10,000 | 18'-4" | 11'-0" | NO. 2 FUEL OIL |
| 03 | 10,000 | 18'-4" | 11'-0" | NO. 3 FUEL OIL |
| 04 | 10,000 | 18'-4" | 11'-0" | NO. 4 FUEL OIL |
| 05 | 10,000 | 18'-4" | 11'-0" | NO. 5 FUEL OIL |
| 06 | 10,000 | 18'-4" | 11'-0" | NO. 6 FUEL OIL |
| 07 | 10,000 | 18'-4" | 11'-0" | NO. 7 FUEL OIL |
| 08 | 10,000 | 18'-4" | 11'-0" | NO. 8 FUEL OIL |
| 09 | 10,000 | 18'-4" | 11'-0" | NO. 9 FUEL OIL |
| 10 | 10,000 | 18'-4" | 11'-0" | NO. 10 FUEL OIL |
| 11 | 10,000 | 18'-4" | 11'-0" | NO. 11 FUEL OIL |
| 12 | 10,000 | 18'-4" | 11'-0" | NO. 12 FUEL OIL |
| 13 | 10,000 | 18'-4" | 11'-0" | NO. 13 FUEL OIL |
| 14 | 10,000 | 18'-4" | 11'-0" | NO. 14 FUEL OIL |
| 15 | 10,000 | 18'-4" | 11'-0" | NO. 15 FUEL OIL |
| 16 | 10,000 | 18'-4" | 11'-0" | NO. 16 FUEL OIL |
| 17 | 10,000 | 18'-4" | 11'-0" | NO. 17 FUEL OIL |
| 18 | 10,000 | 18'-4" | 11'-0" | NO. 18 FUEL OIL |
| 19 | 10,000 | 18'-4" | 11'-0" | NO. 19 FUEL OIL |
| 20 | 10,000 | 18'-4" | 11'-0" | NO. 20 FUEL OIL |
| 21 | 10,000 | 18'-4" | 11'-0" | NO. 21 FUEL OIL |
| 22 | 10,000 | 18'-4" | 11'-0" | NO. 22 FUEL OIL |
| 23 | 10,000 | 18'-4" | 11'-0" | NO. 23 FUEL OIL |
| 24 | 10,000 | 18'-4" | 11'-0" | NO. 24 FUEL OIL |
| 25 | 10,000 | 18'-4" | 11'-0" | NO. 25 FUEL OIL |
| 26 | 10,000 | 18'-4" | 11'-0" | NO. 26 FUEL OIL |
| 27 | 10,000 | 18'-4" | 11'-0" | NO. 27 FUEL OIL |
| 28 | 10,000 | 18'-4" | 11'-0" | NO. 28 FUEL OIL |
| 29 | 10,000 | 18'-4" | 11'-0" | NO. 29 FUEL OIL |
| 30 | 10,000 | 18'-4" | 11'-0" | NO. 30 FUEL OIL |
| 31 | 10,000 | 18'-4" | 11'-0" | NO. 31 FUEL OIL |
| 32 | 10,000 | 18'-4" | 11'-0" | NO. 32 FUEL OIL |
| 33 | 10,000 | 18'-4" | 11'-0" | NO. 33 FUEL OIL |
| 34 | 10,000 | 18'-4" | 11'-0" | NO. 34 FUEL OIL |
| 35 | 10,000 | 18'-4" | 11'-0" | NO. 35 FUEL OIL |
| 36 | 10,000 | 18'-4" | 11'-0" | NO. 36 FUEL OIL |
| 37 | 10,000 | 18'-4" | 11'-0" | NO. 37 FUEL OIL |
| 38 | 10,000 | 18'-4" | 11'-0" | NO. 38 FUEL OIL |
| 39 | 10,000 | 18'-4" | 11'-0" | NO. 39 FUEL OIL |
| 40 | 10,000 | 18'-4" | 11'-0" | NO. 40 FUEL OIL |
| 41 | 10,000 | 18'-4" | 11'-0" | NO. 41 FUEL OIL |
| 42 | 10,000 | 18'-4" | 11'-0" | NO. 42 FUEL OIL |
| 43 | 10,000 | 18'-4" | 11'-0" | NO. 43 FUEL OIL |
| 44 | 10,000 | 18'-4" | 11'-0" | NO. 44 FUEL OIL |
| 45 | 10,000 | 18'-4" | 11'-0" | NO. 45 FUEL OIL |
| 46 | 10,000 | 18'-4" | 11'-0" | NO. 46 FUEL OIL |
| 47 | 10,000 | 18'-4" | 11'-0" | NO. 47 FUEL OIL |
| 48 | 10,000 | 18'-4" | 11'-0" | NO. 48 FUEL OIL |
| 49 | 10,000 | 18'-4" | 11'-0" | NO. 49 FUEL OIL |
| 50 | 10,000 | 18'-4" | 11'-0" | NO. 50 FUEL OIL |
| 51 | 10,000 | 18'-4" | 11'-0" | NO. 51 FUEL OIL |
| 52 | 10,000 | 18'-4" | 11'-0" | NO. 52 FUEL OIL |
| 53 | 10,000 | 18'-4" | 11'-0" | NO. 53 FUEL OIL |
| 54 | 10,000 | 18'-4" | 11'-0" | NO. 54 FUEL OIL |
| 55 | 10,000 | 18'-4" | 11'-0" | NO. 55 FUEL OIL |
| 56 | 10,000 | 18'-4" | 11'-0" | NO. 56 FUEL OIL |
| 57 | 10,000 | 18'-4" | 11'-0" | NO. 57 FUEL OIL |
| 58 | 10,000 | 18'-4" | 11'-0" | NO. 58 FUEL OIL |
| 59 | 10,000 | 18'-4" | 11'-0" | NO. 59 FUEL OIL |
| 60 | 10,000 | 18'-4" | 11'-0" | NO. 60 FUEL OIL |
| 61 | 10,000 | 18'-4" | 11'-0" | NO. 61 FUEL OIL |
| 62 | 10,000 | 18'-4" | 11'-0" | NO. 62 FUEL OIL |
| 63 | 10,000 | 18'-4" | 11'-0" | NO. 63 FUEL OIL |
| 64 | 10,000 | 18'-4" | 11'-0" | NO. 64 FUEL OIL |
| 65 | 10,000 | 18'-4" | 11'-0" | NO. 65 FUEL OIL |
| 66 | 10,000 | 18'-4" | 11'-0" | NO. 66 FUEL OIL |
| 67 | 10,000 | 18'-4" | 11'-0" | NO. 67 FUEL OIL |
| 68 | 10,000 | 18'-4" | 11'-0" | NO. 68 FUEL OIL |
| 69 | 10,000 | 18'-4" | 11'-0" | NO. 69 FUEL OIL |
| 70 | 10,000 | 18'-4" | 11'-0" | NO. 70 FUEL OIL |
| 71 | 10,000 | 18'-4" | 11'-0" | NO. 71 FUEL OIL |
| 72 | 10,000 | 18'-4" | 11'-0" | NO. 72 FUEL OIL |
| 73 | 10,000 | 18'-4" | 11'-0" | NO. 73 FUEL OIL |
| 74 | 10,000 | 18'-4" | 11'-0" | NO. 74 FUEL OIL |
| 75 | 10,000 | 18'-4" | 11'-0" | NO. 75 FUEL OIL |
| 76 | 10,000 | 18'-4" | 11'-0" | NO. 76 FUEL OIL |
| 77 | 10,000 | 18'-4" | 11'-0" | NO. 77 FUEL OIL |
| 78 | 10,000 | 18'-4" | 11'-0" | NO. 78 FUEL OIL |
| 79 | 10,000 | 18'-4" | 11'-0" | NO. 79 FUEL OIL |
| 80 | 10,000 | 18'-4" | 11'-0" | NO. 80 FUEL OIL |
| 81 | 10,000 | 18'-4" | 11'-0" | NO. 81 FUEL OIL |
| 82 | 10,000 | 18'-4" | 11'-0" | NO. 82 FUEL OIL |
| 83 | 10,000 | 18'-4" | 11'-0" | NO. 83 FUEL OIL |
| 84 | 10,000 | 18'-4" | 11'-0" | NO. 84 FUEL OIL |
| 85 | 10,000 | 18'-4" | 11'-0" | NO. 85 FUEL OIL |
| 86 | 10,000 | 18'-4" | 11'-0" | NO. 86 FUEL OIL |
| 87 | 10,000 | 18'-4" | 11'-0" | NO. 87 FUEL OIL |
| 88 | 10,000 | 18'-4" | 11'-0" | NO. 88 FUEL OIL |
| 89 | 10,000 | 18'-4" | 11'-0" | NO. 89 FUEL OIL |
| 90 | 10,000 | 18'-4" | 11'-0" | NO. 90 FUEL OIL |
| 91 | 10,000 | 18'-4" | 11'-0" | NO. 91 FUEL OIL |
| 92 | 10,000 | 18'-4" | 11'-0" | NO. 92 FUEL OIL |
| 93 | 10,000 | 18'-4" | 11'-0" | NO. 93 FUEL OIL |
| 94 | 10,000 | 18'-4" | 11'-0" | NO. 94 FUEL OIL |
| 95 | 10,000 | 18'-4" | 11'-0" | NO. 95 FUEL OIL |
| 96 | 10,000 | 18'-4" | 11'-0" | NO. 96 FUEL OIL |
| 97 | 10,000 | 18'-4" | 11'-0" | NO. 97 FUEL OIL |
| 98 | 10,000 | 18'-4" | 11'-0" | NO. 98 FUEL OIL |
| 99 | 10,000 | 18'-4" | 11'-0" | NO. 99 FUEL OIL |
| 100 | 10,000 | 18'-4" | 11'-0" | NO. 100 FUEL OIL |



| | |
|---|------------|
| EMULSICOAT, INC. | |
| URBANA, ILL. | 6180 |
| GENERAL PLANT FOOT PLAN AND TANK SCHEDULE | |
| 7/28/79 | AMI-1010-0 |



October 15, 1990

Mr. Mangu Patel
Illinois Environmental Protection Agency
Division of Air Pollution Control
Post Office Box 19276
Springfield, IL 62794-9276

OCT 17 1990

EPA-DAPC-SPFLD.

Mr. Patel,

Enclosed please find applications for Permits-To-Construct and Permits-To Operate for air pollution and odor control equipment to be installed at our Emulsicoat, Inc. asphalt emulsion plant in Urbana, Illinois. With these, Emulsicoat, Inc. should have all required applications submitted.

Briefly, the applications are for two Monsanto Mist Eliminator systems that will cover the rail tank car unloading stations and the truck loading rack operations. Also for water scrubbing units, one to be built and installed on each of the asphalt cement storage tanks (Tanks Number 901, 902, 903, 904, 905, 906, and 907). These units are designed to capture and scrub the vapors from the tank vents. Information and details from Monsanto are enclosed for your review along with information and drawings of the water scrubber.

Two refinery and asphalt plants in California and one in Ohio using these systems have been visited and photos showing these systems in operation are also enclosed.

As you know, we are under pressure from the surrounding neighborhood and the Urbana City Council to do something to reduce or eliminate the odors emanating from our plant. With these applications, it is anticipated that almost all of the vapors and odors will be captured from these sources. Obviously, if your approval of the Construction Permits could be expedited, we could order and start installing this equipment as soon as possible.

Should you need further information regarding these applications, please call and I will see that your questions or concerns will be answered.

Sincerely yours,

Douglas A. Lozier, CET
Corporate Safety Director

cc: John Justice, PE
Nick Thomas

90DL4020.I


**STATE OF ILLINOIS
ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF AIR POLLUTION CONTROL
2200 CHURCHILL ROAD
SPRINGFIELD, ILLINOIS 62794-9276**

| | |
|---|--|
| <p align="center">APPLICATION FOR PERMIT^(a)</p> <p><input type="checkbox"/> CONSTRUCT <input checked="" type="checkbox"/> OPERATE</p> <p>NAME OF EQUIPMENT TO BE CONSTRUCTED OR OPERATED: <u>Air Pollution/Odor Control Equipment</u> (B)</p> | <p align="center">FOR AGENCY USE ONLY</p> <p>I.D. NO. <u>019-105-ACV</u></p> <p>PERMIT NO. <u>77040047</u></p> <p>DATE <u>10-17-90</u></p> |
|---|--|

| | |
|---|---|
| 1a. NAME OF OWNER: <u>Asphalt Materials, Inc.</u> | 2a. NAME OF OPERATOR: <u>Emulsicoat, Inc.</u> |
| 1b. STREET ADDRESS OF OWNER: <u>5400 W. 86th Street</u> | 2b. STREET ADDRESS OF OPERATOR: <u>705 East University Avenue</u> |
| 1c. CITY OF OWNER: <u>Indianapolis</u> | 2c. CITY OF OPERATOR: <u>Urbana</u> |
| 1d. STATE OF OWNER: <u>Indiana</u> | 1e. ZIP CODE: <u>46268</u> |
| | 2d. STATE OF OPERATOR: <u>Illinois</u> |
| | 2e. ZIP CODE: <u>61801</u> |

| | | | | |
|--|---|---------------------------------|------------------------------|----------------------------|
| 3a. NAME OF CORPORATE DIVISION OR PLANT: <u>Emulsicoat, Inc.</u> | 3b. STREET ADDRESS OF EMISSION SOURCE: <u>705 East University Avenue</u> | | | |
| 3c. CITY OF EMISSION SOURCE: <u>Urbana</u> | 3d. LOCATED WITHIN CITY LIMITS: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | 3e. TOWNSHIP: <u>Cunningham</u> | 3f. COUNTY: <u>Champaign</u> | 3g. ZIP CODE: <u>61801</u> |

| | |
|---|--|
| 4. ALL CORRESPONDENCE TO: (TITLE AND/OR NAME OF INDIVIDUAL) <u>Douglas A. Lozier, Corp. Safety Dir.</u> | 5. TELEPHONE NUMBER FOR AGENCY TO CALL: <u>317-875-3902</u> |
| 6. ADDRESS FOR CORRESPONDENCE: (CHECK ONLY ONE) <input checked="" type="checkbox"/> OWNER <input type="checkbox"/> OPERATOR <input type="checkbox"/> EMISSION SOURCE | 7. YOUR DESIGNATION FOR THIS APPLICATION: ^(c) <u>A I R P O L L U E Q U I</u> |

| | |
|--|--|
| 8. THE UNDERSIGNED HEREBY MAKES APPLICATION FOR A PERMIT AND CERTIFIES THAT THE STATEMENTS CONTAINED HEREIN ARE TRUE AND CORRECT, AND FURTHER CERTIFIES THAT ALL PREVIOUSLY SUBMITTED INFORMATION REFERENCED IN THIS APPLICATION REMAINS TRUE, CORRECT AND CURRENT. BY AFFIXING HIS SIGNATURE HERETO HE FURTHER CERTIFIES THAT HE IS AUTHORIZED TO EXECUTE THIS APPLICATION. | |
| <p align="center">RECEIVED</p> <p>AUTHORIZED SIGNATURE^(b) </p> <p>BY <u>Lewis L. Davis</u> DATE <u>10-15-90</u></p> <p>TYPED OR PRINTED NAME OF SIGNER: <u>Secretary/Treasurer</u></p> <p>TITLE OF SIGNER: _____</p> | <p>BY <u>_____</u> DATE <u>10-17-1990</u></p> <p>TYPED OR PRINTED NAME OF SIGNER: <u>FF - DARC - SPFLD.</u></p> <p>TITLE OF SIGNER: _____</p> |
| <p>(A) THIS FORM IS TO PROVIDE THE AGENCY WITH GENERAL INFORMATION ABOUT THE EQUIPMENT TO BE CONSTRUCTED OR OPERATED. THIS FORM MAY BE USED TO REQUEST A CONSTRUCTION PERMIT, AN OPERATING PERMIT, A CONSTRUCTION OR OPERATING PERMIT.</p> <p>(B) ENTER THE GENERIC NAME OF THE EQUIPMENT TO BE CONSTRUCTED OR OPERATED. THIS NAME WILL APPEAR ON THE PERMIT WHICH MAY BE ISSUED PURSUANT TO THIS APPLICATION. THIS FORM MUST BE ACCOMPANIED BY OTHER APPLICABLE FORMS AND INFORMATION.</p> <p>(C) PROVIDE A DESIGNATION IN ITEM 7 ABOVE WHICH YOU WOULD LIKE THE AGENCY TO USE FOR IDENTIFICATION OF YOUR EQUIPMENT. YOUR DESIGNATION WILL BE REFERENCED IN CORRESPONDENCE FROM THIS AGENCY RELATIVE TO THIS APPLICATION. YOUR DESIGNATION MUST NOT EXCEED TEN (10) CHARACTERS.</p> <p>(D) THIS APPLICATION MUST BE SIGNED IN ACCORDANCE WITH 35 ILL. ADM. CODE 201.154 OR 201.159 WHICH STATES: "ALL APPLICATIONS AND SUPPLEMENTS THERETO SHALL BE SIGNED BY THE OWNER AND OPERATOR OF THE EMISSION SOURCE OR AIR POLLUTION CONTROL EQUIPMENT, OR THEIR AUTHORIZED AGENT, AND SHALL BE ACCOMPANIED BY EVIDENCE OF AUTHORITY TO SIGN THE APPLICATION."</p> <p>IF THE OWNER OR OPERATOR IS A CORPORATION, SUCH CORPORATION MUST HAVE ON FILE WITH THE AGENCY A CERTIFIED COPY OF A RESOLUTION OF THE CORPORATION'S BOARD OF DIRECTORS AUTHORIZING THE PERSONS SIGNING THIS APPLICATION TO CAUSE OR ALLOW THE CONSTRUCTION OR OPERATION OF THE EQUIPMENT TO BE COVERED BY THE PERMIT.</p> | |

9. DOES THIS APPLICATION CONTAIN A PLOT PLAN/MAP:

YES NO

IF A PLOT PLAN/MAP HAS PREVIOUSLY BEEN SUBMITTED, SPECIFY:

AGENCY I.D. NUMBER _____ APPLICATION NUMBER _____

IS THE APPROXIMATE SIZE OF APPLICANT'S PREMISES LESS THAN 1 ACRE?

YES NO: SPECIFY 6-9 ACRES

10. DOES THIS APPLICATION CONTAIN A PROCESS FLOW DIAGRAM(S) THAT ACCURATELY AND CLEARLY REPRESENTS CURRENT PRACTICE.

YES NO

11a. WAS ANY EQUIPMENT, COVERED THIS APPLICATION, OWNED OR CONTRACTED FOR, BY THE APPLICANT PRIOR TO APRIL 14, 1972:

YES NO

IF "YES" ATTACH AN ADDITIONAL SHEET, EXHIBIT A, THAT:

- (a) LISTS OR DESCRIBES THE EQUIPMENT
- (b) STATES WHETHER THE EQUIPMENT WAS IN COMPLIANCE WITH THE RULES AND REGULATIONS GOVERNING THE CONTROL OF AIR POLLUTION PRIOR TO APRIL 4, 1972

11b. HAS ANY EQUIPMENT, COVERED BY THIS APPLICATION, NOTPREVIOUSLY RECEIVED AN OPERATING PERMIT:

YES NO

IF "YES", ATTACH AN ADDITIONAL SHEET, EXHIBIT B, THAT:

- (a) LISTS OR DESCRIBES THE EQUIPMENT
- (b) STATES WHETHER THE EQUIPMENT
 - (i) IS ORIGINAL OR ADDITIONAL EQUIPMENT
 - (ii) REPLACES EXISTING EQUIPMENT, OR
 - (iii) MODIFIES EXISTING EQUIPMENT
- (c) PROVIDES THE ANTICIPATED OR ACTUAL DATES OF THE COMMENCEMENT OF CONSTRUCTION AND THE START-UP OF THE EQUIPMENT

12. IF THIS APPLICATION INCORPORATES BY REFERENCE A PREVIOUSLY GRANTED PERMIT(S), HAS FORM APC-210, "DATA AND INFORMATION—INCORPORATION BY REFERENCE" BEEN COMPLETED. N/A

13. DOES THE STARTUP OF AN EMISSION SOURCE COVERED BY THIS APPLICATION PRODUCE AIR CONTAMINANT EMISSION IN EXCESS OF APPLICABLE STANDARDS:

YES NO

IF "YES," HAS FORM APC-203, "OPERATION DURING STARTUP" BEEN COMPLETED FOR THIS SOURCE.

YES NO

14. DOES THIS APPLICATION REQUEST PERMISSION TO OPREATE AN EMISSION SOURCE DURING MALFUNCTIONS OR BREAKDOWNS:

YES NO

IF "YES," HAS FORM APC-204, "OPERATION DURING MALFUNCTION AND BREAKDOWN" BEEN COMPLETED FOR THIS SOURCE

YES NO

15. IS AN EMISSION SOURCE COVERED BY THIS APPLICATION SUBJECT TO A FUTURE COMPLIANCE DATE:

YES NO

IF "YES," HAS FORM APC-202, "COMPLIANCE PROGRAM & PROJECT COMPLETION SCHEDULE," BEEN COMPLETED FOR THIS SOURCE.

YES NO

16. DOES THE FACILITY COVERED BY THIS APPLICATION REQUIRE AN EPISODE ACTION PLAN (REFER TO GUIDELINES FOR EPISODE ACTION PLANS):

YES NO

17. LIST AND IDENTIFY ALL FORMS, EXHIBITS, AND OTHER INFORMATION SUBMITTED AS PART OF THIS APPLICATION. INCLUDE THE PAGE NUMBERS OF EACH ITEM (ATTACH ADDITIONAL SHEETS IF NECESSARY):

- Exhibit B (Page 3)
- Data and Information: Air Pollution Control Equipment (APC260)(pgs 4-15)
- Operation During Malfunction (APC204) (Pg 16,17)
- Plot Plan (Page 18)
- Flow Diagram (Page 19)

TOTAL NUMBER OF PAGES 19

APPLICATION FOR OPERATING PERMIT ONLY

Emulsicoat, Inc.
Application For Permit
to Operate

EXHIBIT B

- a. Equipment applied for in this Permit-To-Operate are air pollution/odor control apparatus to diminish vapors and odors escaping from asphalt storage tanks, unloading operations, and loading rack truck filling.

Specifically the equipment includes two Monsanto Mist Eliminators AVP-1000 for collecting vapor and odor from the rail car unloading and truck tank filling operations (designated as emission sources AP-1 and AP-2) and seven Asphalt Materials, Inc. fabricated water scrubbers connected to the vents of the largest and most frequent used asphalt cement storage tanks which will scrub and condense vapors and odors (designated as emission source AP-901, AP-902, AP-903, AP-904, AP-905, AP-906, AP-907).

- b. All equipment will be new additional equipment for the control of the emission of air pollutants and odors as applied for in applications for construction permits.
- c. As applied for in the applications for construction permits, the anticipated date for the commencement of construction is December 1, 1990. It is anticipated that construction will be completed by February 1, 1991 and that start-up will be February 15, 1991.



STATE OF ILLINOIS
 ENVIRONMENTAL PROTECTION AGENCY
 DIVISION OF AIR POLLUTION CONTROL
 2200 CHURCHILL ROAD
 SPRINGFIELD, ILLINOIS 62706

This agency is authorized to require this information under Illinois Revised Statutes, 1979, Chapter III, Section 1039. Disclosure of this information is required under that section. Failure to do so may prevent this form from being processed and could result in your application being denied. This form has been approved by the Farms Management Center.

*DATA AND INFORMATION

AIR POLLUTION CONTROL EQUIPMENT

*THIS INFORMATION FORM IS FOR AN INDIVIDUAL UNIT OF AIR POLLUTION CONTROL EQUIPMENT OR AN AIR POLLUTION CONTROL SYSTEM.

| | |
|---|---|
| 1. NAME OF OWNER: Asphalt Materials, Inc. | 2. NAME OF CORPORATE DIVISION OR PLANT (IF DIFFERENT FROM OWNER): Emulsicoat, Inc. |
| 3. STREET ADDRESS OF CONTROL EQUIPMENT: 705 East University Avenue | 4. CITY OF CONTROL EQUIPMENT: Urbana |
| 5. NAME OF CONTROL EQUIPMENT OR CONTROL SYSTEM: Monsanto Mist Eliminator | |

INSTRUCTIONS

- COMPLETE THE ABOVE IDENTIFICATION.
- COMPLETE THE APPROPRIATE SECTION FOR THE UNIT OF CONTROL EQUIPMENT, OR THE APPROPRIATE SECTIONS FOR THE CONTROL SYSTEM. BE CERTAIN THAT THE ARRANGEMENT OF VARIOUS UNITS IN A CONTROL SYSTEM IS MADE CLEAR IN THE PROCESS FLOW DIAGRAM.
- COMPLETE PAGE 6 OF THIS FORM, EMISSION INFORMATION AND EXHAUST POINT INFORMATION.
- EFFICIENCY VALUES SHOULD BE SUPPORTED WITH A DETAILED EXPLANATION OF THE METHOD OF CALCULATION, THE MANNER OF ESTIMATION, OR THE SOURCE OF INFORMATION. REFERENCE TO THIS FORM ANY RELEVANT INFORMATION OR EXPLANATION INCLUDED IN THIS PERMIT APPLICATION.
- EFFICIENCY VALUES AND CERTAIN OTHER ITEMS OF INFORMATION ARE TO BE GIVEN FOR AVERAGE AND MAXIMUM OPERATION OF THE SOURCE EQUIPMENT. FOR EXAMPLE, "MAXIMUM EFFICIENCY" IS THE EFFICIENCY OF THE CONTROL EQUIPMENT WHEN THE SOURCE IS AT MAXIMUM OPERATION, AND "AVERAGE FLOW RATE" IS THE FLOW RATE INTO THE CONTROL EQUIPMENT WHEN THE SOURCE IS AT AVERAGE OPERATION.
- FOR GENERAL INFORMATION REFER TO "GENERAL INSTRUCTIONS FOR PERMIT APPLICATIONS", APC-201.

DEFINITIONS

AVERAGE - THE VALUE THAT SUMMARIZES OR REPRESENTS THE GENERAL CONDITION OF THE EMISSION SOURCE OR THE GENERAL STATE OF PRODUCTION OF THE EMISSION SOURCE. SPECIFICALLY:
 AVERAGE OPERATION - OPERATION TYPICAL OF THE PRECEDING TWELVE MONTH PERIOD, AS REPRESENTED BY AVERAGE OPERATING TIME AND AVERAGE RATES.

MAXIMUM - THE GREATEST VALUE ATTAINABLE OR ATTAINED FROM THE EMISSION SOURCE, OR THE PERIOD OF GREATEST OR UTMOST PRODUCTION OF THE EMISSION SOURCE. SPECIFICALLY:
 MAXIMUM OPERATION - THE GREATEST EXPECTED OPERATION, AS REPRESENTED BY MAXIMUM OPERATING TIME AND MAXIMUM RATES.

| ADSORPTION UNIT | |
|---|--|
| 1. FLOW DIAGRAM DESIGNATION(S) OF ADSORPTION UNIT: | |
| 2. MANUFACTURER: | 3. MODEL NAME AND NUMBER: |
| 4. ADSORBENT: <input type="checkbox"/> ACTIVATED CHARCOAL: TYPE _____ <input type="checkbox"/> OTHER: SPECIFY _____ | |
| 5. ADSORBATE(S): | |
| 6. NUMBER OF BEDS PER UNIT: | 7. WEIGHT OF ADSORBENT PER BED: _____ LB |
| 8. DIMENSIONS OF BED: THICKNESS _____ IN, SURFACE AREA _____ SQUARE IN | |
| 9. INLET GAS TEMPERATURE: _____ °F | 10. PRESSURE DROP ACROSS UNIT: _____ INCH H ₂ O GAUGE |
| 11. TYPE OF REGENERATION: <input type="checkbox"/> REPLACEMENT <input type="checkbox"/> STEAM <input type="checkbox"/> OTHER: SPECIFY _____ | |
| 12. METHOD OF REGENERATION: <input type="checkbox"/> ALTERNATE USE OF _____ ENTIRE UNITS <input type="checkbox"/> ALTERNATE USE OF _____ BEDS IN A SINGLE UNIT <input type="checkbox"/> SOURCE SHUT DOWN <input type="checkbox"/> OTHER: DESCRIBE _____ | |
| AVERAGE OPERATION OF SOURCE | MAXIMUM OPERATION OF SOURCE |
| 13. TIME ON LINE BEFORE REGENERATION: _____ MIN/BED | 15. TIME ON LINE BEFORE REGENERATION: _____ MIN/BED |
| 14. EFFICIENCY OF ADSORBER (SEE INSTRUCTION 4): _____ % | 16. EFFICIENCY OF ADSORBER (SEE INSTRUCTION 4): _____ % |

| AFTERBURNER | |
|---|---|
| 1. FLOW DIAGRAM DESIGNATION(S) OF AFTERBURNER: | |
| 2. MANUFACTURER: | 3. MODEL NAME AND NUMBER: |
| 4. COMBUSTION CHAMBER DIMENSIONS: LENGTH _____ IN, CROSS-SECTIONAL AREA _____ SQUARE IN. | |
| 5. INLET GAS TEMPERATURE: _____ °F | 7. FUEL: <input type="checkbox"/> GAS <input type="checkbox"/> OIL: SULFUR _____ WT% |
| 6. OPERATING TEMPERATURE OF COMBUSTION CHAMBER: _____ °F | 8. BURNERS PER AFTERBURNER: _____ @ _____ BTU/HR EACH |
| 9. CATALYST USED: <input type="checkbox"/> NO <input type="checkbox"/> YES: DESCRIBE CATALYST _____ | |
| 10. HEAT EXCHANGER USED: <input type="checkbox"/> NO <input type="checkbox"/> YES: DESCRIBE HEAT EXCHANGER _____ | |
| AVERAGE OPERATION OF SOURCE | MAXIMUM OPERATION OF SOURCE |
| 11. GAS FLOW RATE: _____ SCFM | 13. GAS FLOW RATE: _____ SCFM |
| 12. EFFICIENCY OF AFTERBURNER(SEE INSTRUCTION 4): _____ % | 14. EFFICIENCY OF AFTERBURNER(SEE INSTRUCTION 4): _____ % |

CYCLONE

FLOW DIAGRAM DESIGNATION(S) OF CYCLONE:

MANUFACTURER:

3. MODEL:

TYPE OF CYCLONE:

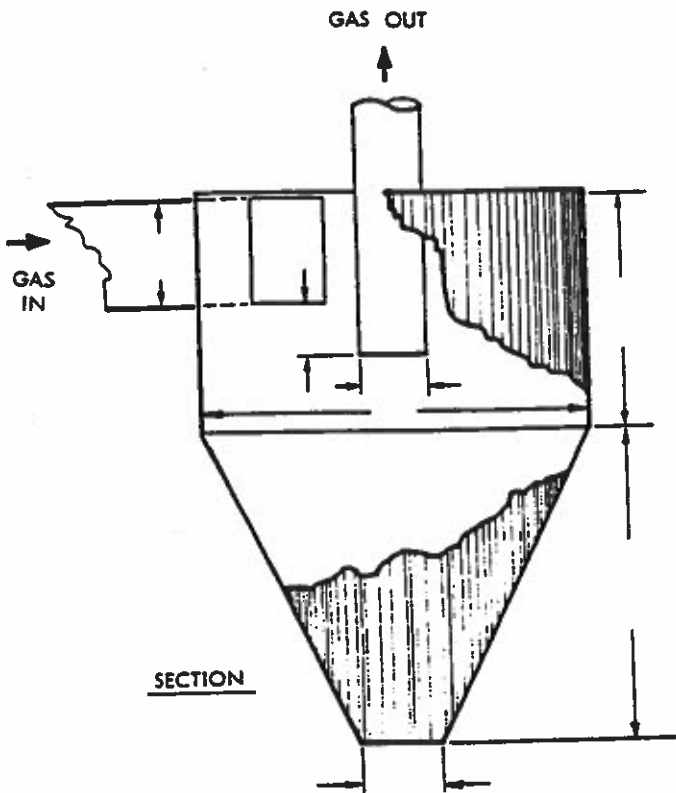
SIMPLE MULTIPLE

5. NUMBER OF CYCLONES IN EACH MULTIPLE CYCLONE:

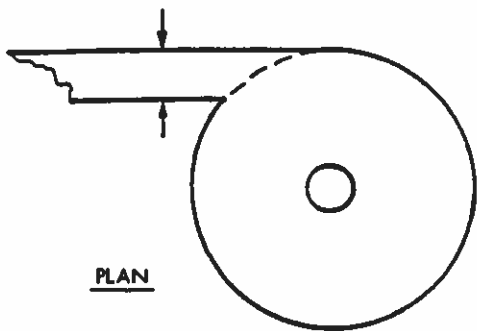
DIMENSION THE APPROPRIATE SKETCH (IN INCHES) OR PROVIDE A DRAWING WITH EQUIVALENT INFORMATION:

TANGENTIAL INLET CYCLONE

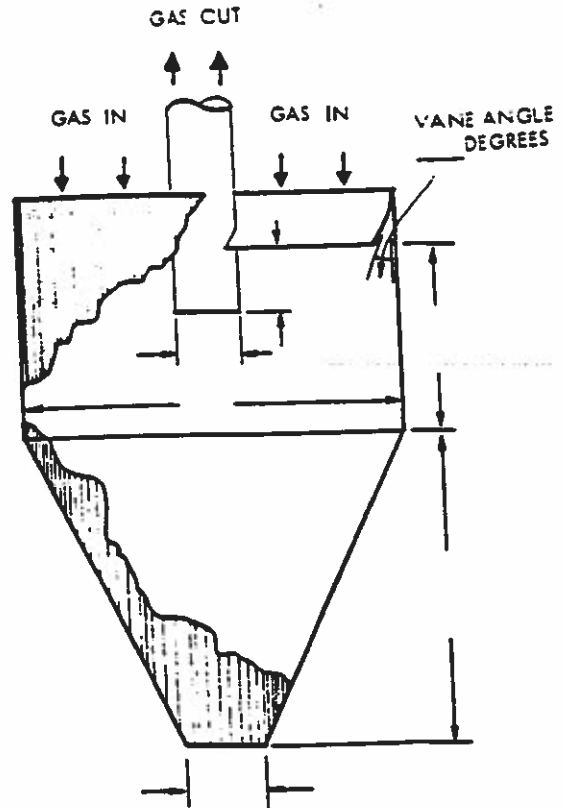
AXIAL INLET CYCLONE
(INDIVIDUAL CYCLONE OF MULTIPLE CYCLONE)



SECTION



PLAN



SECTION

NOT TO SCALE

AVERAGE OPERATION OF SOURCE

MAXIMUM OPERATION OF SOURCE

7. GAS FLOW RATE:

SCFM

9. GAS FLOW RATE:

SCFM

8. EFFICIENCY OF CYCLONE (SEE INSTRUCTION 4):

%

10. EFFICIENCY OF CYCLONE (SEE INSTRUCTION 4):

%

| CONDENSER | | | |
|--|--|---|--|
| 1. FLOW DIAGRAM DESIGNATION(S) OF CONDENSER: | | | |
| 2. MANUFACTURER: | | 3. MODEL NAME AND NUMBER: | 4. HEAT EXCHANGE AREA: FT² |
| AVERAGE OPERATION OF SOURCE | | MAXIMUM OPERATION OF SOURCE | |
| 5. COOLANT FLOW RATE PER CONDENSER: WATER _____ GPM AIR _____ SCFM OTHER: TYPE _____, FLOW RATE _____ | | 10. COOLANT FLOW RATE PER CONDENSER: WATER _____ GPM AIR _____ SCFM OTHER: TYPE _____, FLOW RATE _____ | |
| 6. GAS FLOW RATE: _____ SCFM | | 11. GAS FLOW RATE: _____ SCFM | |
| 7. COOLANT TEMPERATURE: INLET _____ °F OUTLET _____ °F | 8. GAS TEMPERATURE: INLET _____ °F OUTLET _____ °F | 12. COOLANT TEMPERATURE: INLET _____ °F OUTLET _____ °F | 13. GAS TEMPERATURE: INLET _____ °F OUTLET _____ °F |
| 9. EFFICIENCY OF CONDENSER (SEE INSTRUCTION 4): _____ % | | 14. EFFICIENCY OF CONDENSER (SEE INSTRUCTION 4): _____ % | |

| *ELECTRICAL PRECIPITATOR | | | |
|---|--|---|-----------------|
| 1. FLOW DIAGRAM DESIGNATION OF ELECTRICAL PRECIPITATOR: | | | |
| 2. MANUFACTURER: | | 3. MODEL NAME AND NUMBER: | |
| 4. COLLECTING ELECTRODE AREA PER CONTROL DEVICE: | | | FT ² |
| AVERAGE OPERATION OF SOURCE | | MAXIMUM OPERATION OF SOURCE | |
| 5. GAS FLOW RATE: _____ SCFM | | 7. GAS FLOW RATE: _____ SCFM | |
| 6. EFFICIENCY OF ELECTRICAL PRECIPITATOR (SEE INSTRUCTION 4): _____ % | | 8. EFFICIENCY OF ELECTRICAL PRECIPITATOR (SEE INSTRUCTION 4): _____ % | |
| SUBMIT THE MANUFACTURER'S SPECIFICATIONS FOR THE ELECTRICAL PRECIPITATOR. REFERENCE THE INFORMATION TO THIS FORM. | | | |

* ELECTRICAL PRECIPITATORS VARY GREATLY IN THEIR DESIGN AND IN THEIR COMPLEXITY. THE ITEMS IN THIS SECTION PROVIDE A MINIMUM AMOUNT OF INFORMATION. THE APPLICANT MUST, HOWEVER, SUBMIT WITH THIS APPLICATION THE MANUFACTURER'S SPECIFICATIONS, INCLUDING ANY DRAWINGS, TECHNICAL DOCUMENTS, ETC. IF THE INFORMATION PROVIDED BY THE MANUFACTURER'S SPECIFICATIONS IS INSUFFICIENT FOR FULL AND ACCURATE ANALYSIS, THE AGENCY WILL REQUEST SPECIFIC ADDITIONAL INFORMATION.

| FILTER UNIT Monsanto | | | |
|---|--|--|--|
| 1. FLOW DIAGRAM DESIGNATION(S) OF FILTER UNIT: AP-1, AP-2 | | | |
| 2. MANUFACTURER: Monsanto | | 3. MODEL NAME AND NUMBER: Asphalt Vent Package AVP-1000 | |
| 4. FILTERING MATERIAL: Carbon Steel & Glass Fiber | | 5. FILTERING AREA: 18-8 Sq.Ft. | |
| 6. CLEANING METHOD: <input type="checkbox"/> SHAKER <input type="checkbox"/> REVERSE AIR <input type="checkbox"/> PULSE AIR <input type="checkbox"/> PULSE JET <input checked="" type="checkbox"/> OTHER: SPECIFY Removal of filter | | | |
| 7. GAS COOLING METHOD: <input type="checkbox"/> DUCTWORK: LENGTH _____ FT., DIAM _____ IN. <input type="checkbox"/> BLEED-IN AIR <input type="checkbox"/> WATER SPRAY <input type="checkbox"/> OTHER: SPECIFY | | | |
| AVERAGE OPERATION OF SOURCE | | MAXIMUM OPERATION OF SOURCE | |
| 8. GAS FLOW RATE (FROM SOURCE): 750 SCFM | | 12. GAS FLOW RATE (FROM SOURCE): 1000 SCFM | |
| 9. GAS COOLING FLOW RATE: BLEED-IN AIR <u>N/A</u> SCFM, WATER SPRAY <u>N/A</u> GPM | | 13. GAS COOLING FLOW RATE: BLEED-IN AIR <u>N/A</u> SCFM, WATER SPRAY <u>N/A</u> GPM | |
| 10. INLET GAS CONDITION: TEMPERATURE <u>250</u> °F DEWPOINT _____ °F | | 14. INLET GAS CONDITION: TEMPERATURE <u>300</u> °F DEWPOINT _____ °F | |
| 11. EFFICIENCY OF FILTER UNIT (SEE INSTRUCTION 4): 96+ % | | 15. EFFICIENCY OF FILTER UNIT (SEE INSTRUCTION 4): 100 % | |

| SCRUBBER | |
|---|---|
| 1. FLOW DIAGRAM DESIGNATION(S) OF SCRUBBER: | |
| 2. MANUFACTURER: | 3. MODEL NAME AND NUMBER: |
| 4. TYPE OF SCRUBBER: | |
| <input type="checkbox"/> HIGH ENERGY: GAS STREAM PRESSURE DROP _____ INCH H ₂ O | |
| <input type="checkbox"/> PACKED: PACKING TYPE _____, PACKING SIZE _____, PACKED HEIGHT _____ IN. | |
| <input type="checkbox"/> SPRAY: NUMBER OF NOZZLES _____, NOZZLE PRESSURE _____ PSIG | |
| <input type="checkbox"/> OTHER: SPECIFY _____ ATTACH DESCRIPTION AND SKETCH WITH DIMENSIONS | |
| 5. TYPE OF FLOW: | |
| <input type="checkbox"/> COCURRENT <input type="checkbox"/> COUNTERCURRENT <input type="checkbox"/> CROSSFLOW | |
| 6. SCRUBBER GEOMETRY: | |
| LENGTH IN DIRECTION OF GAS FLOW _____ IN., CROSS-SECTIONAL AREA _____ SQUARE IN. | |
| 7. CHEMICAL COMPOSITION OF SCRUBBANT: | |
| AVERAGE OPERATION OF SOURCE | MAXIMUM OPERATION OF SOURCE |
| 8. SCRUBBANT FLOW RATE: GPM | 12. SCRUBBANT FLOW RATE: GPM |
| 9. GAS FLOW RATE: SCFM | 13. GAS FLOW RATE: SCFM |
| 10. INLET GAS TEMPERATURE: °F | 14. INLET GAS TEMPERATURE: °F |
| 11. EFFICIENCY OF SCRUBBER (SEE INSTRUCTION 4): _____ % PARTICULATE _____ % GASEOUS | 15. EFFICIENCY OF SCRUBBER (SEE INSTRUCTION 4): _____ % PARTICULATE _____ % GASEOUS |

| OTHER TYPE OF CONTROL EQUIPMENT | | |
|--|--|---------------------------|
| 1. FLOW DIAGRAM DESIGNATION(S) OF "OTHER TYPE" OF CONTROL EQUIPMENT: | | |
| 2. GENERIC NAME OF "OTHER" EQUIPMENT: | 3. MANUFACTURER: | 4. MODEL NAME AND NUMBER: |
| 5. DESCRIPTION AND SKETCH, WITH DIMENSIONS AND FLOW RATES, OF "OTHER" EQUIPMENT: | | |
| | | |
| AVERAGE OPERATION OF SOURCE | MAXIMUM OPERATION OF SOURCE | |
| 6. FLOW RATES: _____ GPM _____ SCFM | 8. FLOW RATES: _____ GPM _____ SCFM | |
| 7. EFFICIENCY OF "OTHER" EQUIPMENT (SEE INSTRUCTION 4): _____ % | 9. EFFICIENCY OF "OTHER" EQUIPMENT (SEE INSTRUCTION 4): _____ % | |

EMISSION INFORMATION

1. NUMBER OF IDENTICAL CONTROL UNITS OR CONTROL SYSTEMS (DESCRIBE AS REQUIRED): 2

AVERAGE OPERATION OF SOURCE

| CONTAMINANT | CONCENTRATION OR EMISSION RATE PER IDENTICAL CONTROL UNIT OR CONTROL SYSTEM | | METHOD USED TO DETERMINE CONCENTRATION OR EMISSION RATE |
|--------------------|---|-------------|--|
| | 2a. | b. | |
| PARTICULATE MATTER | GR/SCF | LB/HR | c. |
| CARBON MONOXIDE | PPM (VOL) | LB/HR | c. |
| NITROGEN OXIDES | PPM (VOL) | LB/HR | c. |
| ORGANIC MATERIAL | PPM (VOL) | .0049 LB/HR | c. Recovery of 5 gallons oil every two weeks during peak season. |
| SULFUR DIOXIDE | PPM (VOL) | LB/HR | c. Results from other industries using this system times |
| OTHER (SPECIFY) | PPM (VOL) | LB/HR | c. efficiency rating. |

MAXIMUM OPERATION OF SOURCE

| CONTAMINANT | CONCENTRATION OR EMISSION RATE PER IDENTICAL CONTROL UNIT OR CONTROL SYSTEM | | METHOD USED TO DETERMINE CONCENTRATION OR EMISSION RATE |
|--------------------|---|-------------|---|
| | 8a. | b. | |
| PARTICULATE MATTER | GR/SCF | LB/HR | c. |
| CARBON MONOXIDE | PPM (VOL) | LB/HR | c. |
| NITROGEN OXIDES | PPM (VOL) | LB/HR | c. |
| ORGANIC MATERIAL | PPM (VOL) | .0049 LB/HR | c. Recovery of 5 gallons oil every two weeks during peak season. |
| SULFUR DIOXIDE | PPM (VOL) | LB/HR | c. Results from other industries using this system times efficiency |
| OTHER (SPECIFY) | PPM (VOL) | LB/HR | c. rating. |

***"OTHER" CONTAMINANT SHOULD BE USED FOR AN AIR CONTAMINANT NOT SPECIFICALLY NAMED ABOVE. POSSIBLE OTHER CONTAMINANTS ARE ASBESTOS, BERYLLIUM, MERCURY, VINYL CHLORIDE, LEAD, ETC.

EXHAUST POINT INFORMATION

| | |
|---|---|
| 1. FLOW DIAGRAM DESIGNATION(S) OF EXHAUST POINT: AP-1, AP-2 | |
| 2. DESCRIPTION OF EXHAUST POINT (LOCATION IN RELATION TO BUILDINGS, DIRECTION, HOODING, ETC.): At location of filter, unit is self contained on skid | |
| 3. EXIT HEIGHT ABOVE GRADE: 14 Feet | 4. EXIT DIAMETER: 8 1/2" |
| 5. GREATEST HEIGHT OF NEARBY BUILDINGS: 30 FT | 6. EXIT DISTANCE FROM NEAREST PLANT BOUNDARY: 25 FT |
| AVERAGE OPERATION OF SOURCE | |
| 7. EXIT GAS TEMPERATURE: 100 °F | 9. EXIT GAS TEMPERATURE: 200 °F |
| 8. GAS FLOW RATE THROUGH EACH EXIT: 750 ACFM | 10. GAS FLOW RATE THROUGH EACH EXIT: 100 ACFM |



STATE OF ILLINOIS
 ENVIRONMENTAL PROTECTION AGENCY
 DIVISION OF AIR POLLUTION CONTROL
 2200 CHURCHILL ROAD
 SPRINGFIELD, ILLINOIS 62706

This agency is authorized to require this information under Illinois Revised Statutes, 1979, Chapter III, Section 1039. Disclosure of this information is required under that section. Failure to do so may prevent this form from being processed and could result in your application being denied. This form has been approved by the Forms Management Center.

*DATA AND INFORMATION

AIR POLLUTION CONTROL EQUIPMENT

*THIS INFORMATION FORM IS FOR AN INDIVIDUAL UNIT OF AIR POLLUTION CONTROL EQUIPMENT OR AN AIR POLLUTION CONTROL SYSTEM.

| | |
|---|---|
| 1. NAME OF OWNER: Asphalt Materials, Inc. | 2. NAME OF CORPORATE DIVISION OR PLANT (IF DIFFERENT FROM OWNER): Emulsicoat, Inc. |
| 3. STREET ADDRESS OF CONTROL EQUIPMENT: 705 East University Ave. | 4. CITY OF CONTROL EQUIPMENT: Urbana |
| 5. NAME OF CONTROL EQUIPMENT OR CONTROL SYSTEM: Asphalt Tank Vent Scrubber | |

INSTRUCTIONS

- COMPLETE THE ABOVE IDENTIFICATION.
- COMPLETE THE APPROPRIATE SECTION FOR THE UNIT OF CONTROL EQUIPMENT, OR THE APPROPRIATE SECTIONS FOR THE CONTROL SYSTEM. BE CERTAIN THAT THE ARRANGEMENT OF VARIOUS UNITS IN A CONTROL SYSTEM IS MADE CLEAR IN THE PROCESS FLOW DIAGRAM.
- COMPLETE PAGE 6 OF THIS FORM, EMISSION INFORMATION AND EXHAUST POINT INFORMATION.
- EFFICIENCY VALUES SHOULD BE SUPPORTED WITH A DETAILED EXPLANATION OF THE METHOD OF CALCULATION, THE MANNER OF ESTIMATION, OR THE SOURCE OF INFORMATION. REFERENCE TO THIS FORM ANY RELEVANT INFORMATION OR EXPLANATION INCLUDED IN THIS PERMIT APPLICATION.
- EFFICIENCY VALUES AND CERTAIN OTHER ITEMS OF INFORMATION ARE TO BE GIVEN FOR AVERAGE AND MAXIMUM OPERATION OF THE SOURCE EQUIPMENT. FOR EXAMPLE, "MAXIMUM EFFICIENCY" IS THE EFFICIENCY OF THE CONTROL EQUIPMENT WHEN THE SOURCE IS AT MAXIMUM OPERATION, AND "AVERAGE FLOW RATE" IS THE FLOW RATE INTO THE CONTROL EQUIPMENT WHEN THE SOURCE IS AT AVERAGE OPERATION.
- FOR GENERAL INFORMATION REFER TO "GENERAL INSTRUCTIONS FOR PERMIT APPLICATIONS", APC-201.

DEFINITIONS

AVERAGE - THE VALUE THAT SUMMARIZES OR REPRESENTS THE GENERAL CONDITION OF THE EMISSION SOURCE OR THE GENERAL STATE OF PRODUCTION OF THE EMISSION SOURCE. SPECIFICALLY:
 AVERAGE OPERATION - OPERATION TYPICAL OF THE PRECEDING TWELVE MONTH PERIOD, AS REPRESENTED BY AVERAGE OPERATING TIME AND AVERAGE RATES.

MAXIMUM - THE GREATEST VALUE ATTAINABLE OR ATTAINED FROM THE EMISSION SOURCE, OR THE PERIOD OF GREATEST OR UTMOST PRODUCTION OF THE EMISSION SOURCE. SPECIFICALLY:
 MAXIMUM OPERATION - THE GREATEST EXPECTED OPERATION, AS REPRESENTED BY MAXIMUM OPERATING TIME AND MAXIMUM RATES.

| ADSORPTION UNIT | |
|---|--|
| 1. FLOW DIAGRAM DESIGNATION(S) OF ADSORPTION UNIT: | |
| 2. MANUFACTURER: | 3. MODEL NAME AND NUMBER: |
| 4. ADSORBENT: <input type="checkbox"/> ACTIVATED CHARCOAL: TYPE _____ <input type="checkbox"/> OTHER: SPECIFY _____ | |
| 5. ADSORBATE(S): | |
| 6. NUMBER OF BEDS PER UNIT: | 7. WEIGHT OF ADSORBENT PER BED: _____ LB |
| 8. DIMENSIONS OF BED: THICKNESS _____ IN, SURFACE AREA _____ SQUARE IN | |
| 9. INLET GAS TEMPERATURE: _____ °F | 10. PRESSURE DROP ACROSS UNIT: _____ INCH H ₂ O GAUGE |
| 11. TYPE OF REGENERATION: <input type="checkbox"/> REPLACEMENT <input type="checkbox"/> STEAM <input type="checkbox"/> OTHER: SPECIFY _____ | |
| 12. METHOD OF REGENERATION: <input type="checkbox"/> ALTERNATE USE OF _____ ENTIRE UNITS <input type="checkbox"/> ALTERNATE USE OF _____ BEDS IN A SINGLE UNIT <input type="checkbox"/> SOURCE SHUT DOWN <input type="checkbox"/> OTHER: DESCRIBE _____ | |
| AVERAGE OPERATION OF SOURCE | MAXIMUM OPERATION OF SOURCE |
| 13. TIME ON LINE BEFORE REGENERATION: _____ MIN/BED | 15. TIME ON LINE BEFORE REGENERATION: _____ MIN/BED |
| 14. EFFICIENCY OF ADSORBER (SEE INSTRUCTION 4): _____ % | 16. EFFICIENCY OF ADSORBER (SEE INSTRUCTION 4): _____ % |

| AFTERBURNER | |
|---|---|
| 1. FLOW DIAGRAM DESIGNATION(S) OF AFTERBURNER: | |
| 2. MANUFACTURER: | 3. MODEL NAME AND NUMBER: |
| 4. COMBUSTION CHAMBER DIMENSIONS: LENGTH _____ IN, CROSS-SECTIONAL AREA _____ SQUARE IN. | |
| 5. INLET GAS TEMPERATURE: _____ °F | 7. FUEL: <input type="checkbox"/> GAS <input type="checkbox"/> OIL: SULFUR _____ WT% |
| 6. OPERATING TEMPERATURE OF COMBUSTION CHAMBER: _____ °F | 8. BURNERS PER AFTERBURNER: _____ @ _____ BTU/HR EACH |
| 9. CATALYST USED: <input type="checkbox"/> NO <input type="checkbox"/> YES: DESCRIBE CATALYST _____ | |
| 10. HEAT EXCHANGER USED: <input type="checkbox"/> NO <input type="checkbox"/> YES: DESCRIBE HEAT EXCHANGER _____ | |
| AVERAGE OPERATION OF SOURCE | MAXIMUM OPERATION OF SOURCE |
| 11. GAS FLOW RATE: _____ SCFM | 13. GAS FLOW RATE: _____ SCFM |
| 12. EFFICIENCY OF AFTERBURNER (SEE INSTRUCTION 4): _____ % | 14. EFFICIENCY OF AFTERBURNER (SEE INSTRUCTION 4): _____ % |

CYCLONE

1. FLOW DIAGRAM DESIGNATION(S) OF CYCLONE:

2. MANUFACTURER:

3. MODEL:

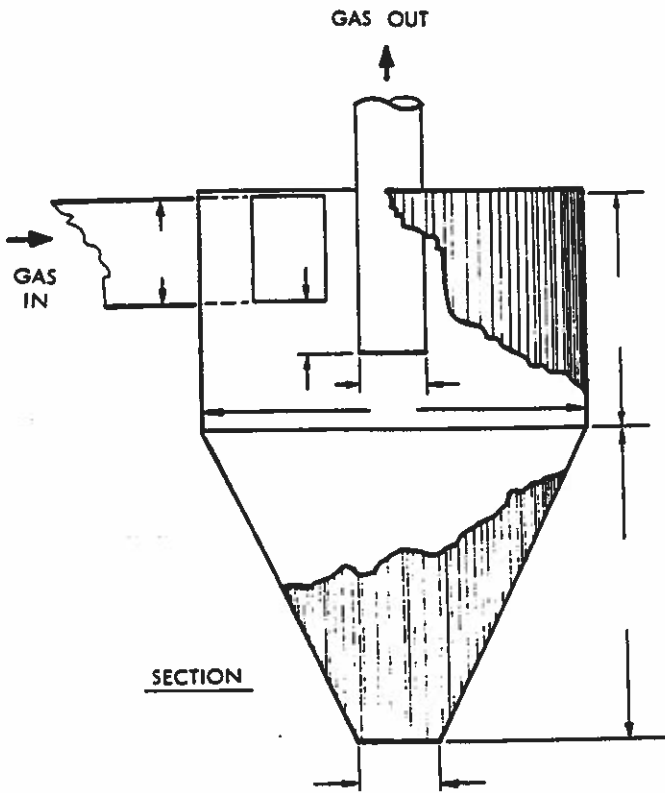
4. TYPE OF CYCLONE:

5. NUMBER OF CYCLONES IN EACH MULTIPLE CYCLONE:

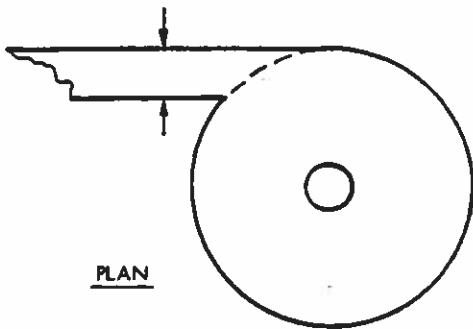
SIMPLE MULTIPLE

6. DIMENSION THE APPROPRIATE SKETCH (IN INCHES) OR PROVIDE A DRAWING WITH EQUIVALENT INFORMATION:

TANGENTIAL INLET CYCLONE

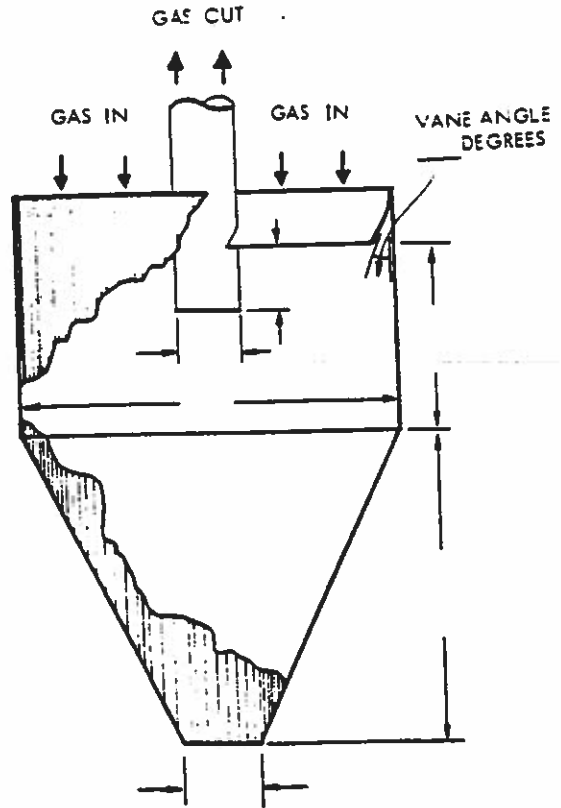


SECTION



PLAN

AXIAL INLET CYCLONE
(INDIVIDUAL CYCLONE OF MULTIPLE CYCLONE)



SECTION

NOT TO SCALE

AVERAGE OPERATION OF SOURCE

MAXIMUM OPERATION OF SOURCE

7. GAS FLOW RATE:

SCFM

9. GAS FLOW RATE:

SCFM

8. EFFICIENCY OF CYCLONE (SEE INSTRUCTION 4):

%

10. EFFICIENCY OF CYCLONE (SEE INSTRUCTION 4):

%

| CONDENSER | | | |
|---|---|--|--|
| 1. FLOW DIAGRAM DESIGNATION(S) OF CONDENSER: | | | |
| 2. MANUFACTURER: | | 3. MODEL NAME AND NUMBER: | 4. HEAT EXCHANGE AREA: FT² |
| AVERAGE OPERATION OF SOURCE | | MAXIMUM OPERATION OF SOURCE | |
| 5. COOLANT FLOW RATE PER CONDENSER: WATER _____ GPM AIR _____ SCFM OTHER: TYPE _____, FLOW RATE _____ | | 10. COOLANT FLOW RATE PER CONDENSER: WATER _____ GPM AIR _____ SCFM OTHER: TYPE _____, FLOW RATE _____ | |
| 6. GAS FLOW RATE: _____ SCFM | | 11. GAS FLOW RATE: _____ SCFM | |
| 7. COOLANT TEMPERATURE: INLET _____ °F OUTLET _____ °F | 8. GAS TEMPERATURE: INLET _____ °F OUTLET _____ °F | 12. COOLANT TEMPERATURE: INLET _____ °F OUTLET _____ °F | 13. GAS TEMPERATURE: INLET _____ °F OUTLET _____ °F |
| 9. EFFICIENCY OF CONDENSER (SEE INSTRUCTION 4): _____ % | | 14. EFFICIENCY OF CONDENSER (SEE INSTRUCTION 4): _____ % | |

| *ELECTRICAL PRECIPITATOR | | | |
|---|--|---|-----------------|
| 1. FLOW DIAGRAM DESIGNATION OF ELECTRICAL PRECIPITATOR: | | | |
| 2. MANUFACTURER: | | 3. MODEL NAME AND NUMBER: | |
| 4. COLLECTING ELECTRODE AREA PER CONTROL DEVICE: | | | FT ² |
| AVERAGE OPERATION OF SOURCE | | MAXIMUM OPERATION OF SOURCE | |
| 5. GAS FLOW RATE: _____ SCFM | | 7. GAS FLOW RATE: _____ SCFM | |
| 6. EFFICIENCY OF ELECTRICAL PRECIPITATOR (SEE INSTRUCTION 4): _____ % | | 8. EFFICIENCY OF ELECTRICAL PRECIPITATOR (SEE INSTRUCTION 4): _____ % | |
| SUBMIT THE MANUFACTURER'S SPECIFICATIONS FOR THE ELECTRICAL PRECIPITATOR. REFERENCE THE INFORMATION TO THIS FORM. | | | |

* ELECTRICAL PRECIPITATORS VARY GREATLY IN THEIR DESIGN AND IN THEIR COMPLEXITY. THE ITEMS IN THIS SECTION PROVIDE A MINIMUM AMOUNT OF INFORMATION. THE APPLICANT MUST, HOWEVER, SUBMIT WITH THIS APPLICATION THE MANUFACTURER'S SPECIFICATIONS, INCLUDING ANY DRAWINGS, TECHNICAL DOCUMENTS, ETC. IF THE INFORMATION PROVIDED BY THE MANUFACTURER'S SPECIFICATIONS IS INSUFFICIENT FOR FULL AND ACCURATE ANALYSIS, THE AGENCY WILL REQUEST SPECIFIC ADDITIONAL INFORMATION.

| FILTER UNIT | | | |
|--|--|--|--|
| 1. FLOW DIAGRAM DESIGNATION(S) OF FILTER UNIT: | | | |
| 2. MANUFACTURER: | | 3. MODEL NAME AND NUMBER: | |
| 4. FILTERING MATERIAL: | | 5. FILTERING AREA: | |
| 6. CLEANING METHOD: <input type="checkbox"/> SHAKER <input type="checkbox"/> REVERSE AIR <input type="checkbox"/> PULSE AIR <input type="checkbox"/> PULSE JET <input type="checkbox"/> OTHER: SPECIFY _____ | | | |
| 7. GAS COOLING METHOD: <input type="checkbox"/> DUCTWORK: LENGTH _____ FT., DIAM _____ IN. <input type="checkbox"/> BLEED-IN AIR <input type="checkbox"/> WATER SPRAY <input type="checkbox"/> OTHER: SPECIFY _____ | | | |
| AVERAGE OPERATION OF SOURCE | | MAXIMUM OPERATION OF SOURCE | |
| 8. GAS FLOW RATE (FROM SOURCE): _____ SCFM | | 12. GAS FLOW RATE (FROM SOURCE): _____ SCFM | |
| 9. GAS COOLING FLOW RATE: BLEED-IN AIR _____ SCFM, WATER SPRAY _____ GPM | | 13. GAS COOLING FLOW RATE: BLEED-IN AIR _____ SCFM, WATER SPRAY _____ GPM | |
| 10. INLET GAS CONDITION: TEMPERATURE _____ °F DEWPOINT _____ °F | | 14. INLET GAS CONDITION: TEMPERATURE _____ °F DEWPOINT _____ °F | |
| 11. EFFICIENCY OF FILTER UNIT (SEE INSTRUCTION 4): _____ % | | 15. EFFICIENCY OF FILTER UNIT (SEE INSTRUCTION 4): _____ % | |

SCRUBBER

1. FLOW DIAGRAM DESIGNATION(S) OF SCRUBBER:
AP-901, AP-902, AP-903, AP-904, AP-905, AP-906, AP-907

2. MANUFACTURER:
Asphalt Materials, Inc.

3. MODEL NAME AND NUMBER:
AMI-APC-1

4. TYPE OF SCRUBBER:

- HIGH ENERGY: GAS STREAM PRESSURE DROP _____ INCH H₂O
- PACKED: PACKING TYPE _____, PACKING SIZE _____, PACKED HEIGHT _____ IN.
- SPRAY: NUMBER OF NOZZLES _____, NOZZLE PRESSURE _____ PSIG
- OTHER: SPECIFY Water ATTACH DESCRIPTION AND SKETCH WITH DIMENSIONS See attachment

5. TYPE OF FLOW:
 COCURRENT COUNTERCURRENT CROSSFLOW

6. SCRUBBER GEOMETRY: See
LENGTH IN DIRECTION OF GAS FLOW Diagram IN., CROSS-SECTIONAL AREA _____ SQUARE IN.

7. CHEMICAL COMPOSITION OF SCRUBBANT: Water

| AVERAGE OPERATION OF SOURCE | | MAXIMUM OPERATION OF SOURCE | |
|--|---------|--|---------|
| 8. SCRUBBANT FLOW RATE: | 0.5 GPM | 12. SCRUBBANT FLOW RATE: | 0.5 GPM |
| 9. GAS FLOW RATE: | 5 SCFM | 13. GAS FLOW RATE: | 60 SCFM |
| 10. INLET GAS TEMPERATURE: | 100 °F | 14. INLET GAS TEMPERATURE: | 100 °F |
| 11. EFFICIENCY OF SCRUBBER (SEE INSTRUCTION 4): 90 % PARTICULATE 90 % GASEOUS | | 15. EFFICIENCY OF SCRUBBER (SEE INSTRUCTION 4): 96 % PARTICULATE 96 % GASEOUS | |

OTHER TYPE OF CONTROL EQUIPMENT

1. FLOW DIAGRAM DESIGNATION(S) OF "OTHER TYPE" OF CONTROL EQUIPMENT:

2. GENERIC NAME OF "OTHER" EQUIPMENT:

3. MANUFACTURER:

4. MODEL NAME AND NUMBER:

5. DESCRIPTION AND SKETCH, WITH DIMENSIONS AND FLOW RATES, OF "OTHER" EQUIPMENT:

AVERAGE OPERATION OF SOURCE

MAXIMUM OPERATION OF SOURCE

6. FLOW RATES:
GPM SCFM

8. FLOW RATES:
GPM SCFM

7. EFFICIENCY OF "OTHER" EQUIPMENT (SEE INSTRUCTION 4):
%

9. EFFICIENCY OF "OTHER" EQUIPMENT (SEE INSTRUCTION 4):
%

EMISSION INFORMATION

1. NUMBER OF IDENTICAL CONTROL UNITS OR CONTROL SYSTEMS (DESCRIBE AS REQUIRED):

7

AVERAGE OPERATION OF SOURCE

| CONTAMINANT | CONCENTRATION OR EMISSION RATE PER IDENTICAL CONTROL UNIT OR CONTROL SYSTEM | | METHOD USED TO DETERMINE CONCENTRATION OR EMISSION RATE | | |
|--------------------|---|-----------|---|------------|--|
| | | | | | |
| PARTICULATE MATTER | 2a. | GR/SCF | b. | LB/HR | c. |
| CARBON MONOXIDE | 3a. | PPM (VOL) | b. | LB/HR | c. |
| NITROGEN OXIDES | 4a. | PPM (VOL) | b. | LB/HR | c. |
| ORGANIC MATERIAL | 5a. | PPM (VOL) | b. | .002 LB/HR | c. Based on recovery amounts and information from other industries |
| SULFUR DIOXIDE | 6a. | PPM (VOL) | b. | LB/HR | c. using this system times the efficiency rating. |
| OTHER (SPECIFY) | 7a. | PPM (VOL) | b. | LB/HR | c. |

MAXIMUM OPERATION OF SOURCE

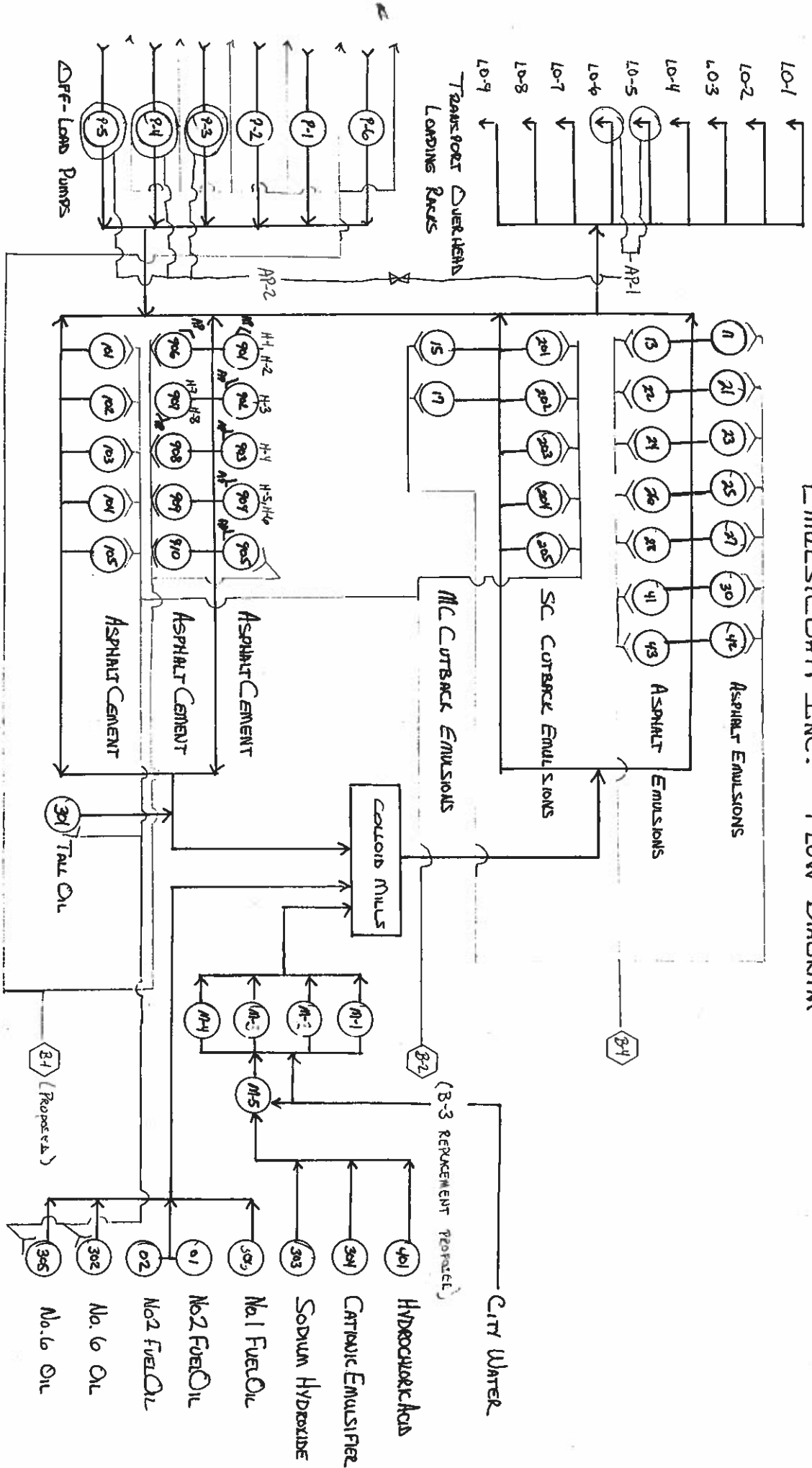
| CONTAMINANT | CONCENTRATION OR EMISSION RATE PER IDENTICAL CONTROL UNIT OR CONTROL SYSTEM | | METHOD USED TO DETERMINE CONCENTRATION OR EMISSION RATE | | |
|--------------------|---|-----------|---|------------|--|
| | | | | | |
| PARTICULATE MATTER | 8a. | GR/SCF | b. | LB/HR | c. |
| CARBON MONOXIDE | 9a. | PPM (VOL) | b. | LB/HR | c. |
| NITROGEN OXIDES | 10a. | PPM (VOL) | b. | LB/HR | c. |
| ORGANIC MATERIAL | 11a. | PPM (VOL) | b. | .002 LB/HR | c. Based on recovery amounts and information from other industries |
| SULFUR DIOXIDE | 12a. | PPM (VOL) | b. | LB/HR | c. using this system times the efficiency rating. |
| OTHER (SPECIFY) | 13a. | PPM (VOL) | b. | LB/HR | c. |

***"OTHER" CONTAMINANT SHOULD BE USED FOR AN AIR CONTAMINANT NOT SPECIFICALLY NAMED ABOVE. POSSIBLE OTHER CONTAMINANTS ARE ASBESTOS, BERYLLIUM, MERCURY, VINYL CHLORIDE, LEAD, ETC.

EXHAUST POINT INFORMATION

| | |
|--|--|
| 1. FLOW DIAGRAM DESIGNATION(S) OF EXHAUST POINT: AP-901, AP-902, AP-903, AP-904, AP905, AP906, AP-907 | |
| 2. DESCRIPTION OF EXHAUST POINT (LOCATION IN RELATION TO BUILDINGS, DIRECTION, HOODING, ETC.): At side of each tank above scrubbing unit. | |
| 3. EXIT HEIGHT ABOVE GRADE: 12 Ft. | 4. EXIT DIAMETER: 4" |
| 5. GREATEST HEIGHT OF NEARBY BUILDINGS: 30 Ft. FT | 6. EXIT DISTANCE FROM NEAREST PLANT BOUNDARY: 25 Ft. FT |
| AVERAGE OPERATION OF SOURCE | |
| 7. EXIT GAS TEMPERATURE: 80 °F | 9. EXIT GAS TEMPERATURE: 100 °F |
| 8. GAS FLOW RATE THROUGH EACH EXIT: 5 ACFM | 10. GAS FLOW RATE THROUGH EACH EXIT: 60 ACFM |
| MAXIMUM OPERATION OF SOURCE | |

EMULSICOMAT, INC. FLOW DIAGRAM




**STATE OF ILLINOIS
ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF AIR POLLUTION CONTROL
2200 CHURCHILL ROAD
SPRINGFIELD, ILLINOIS 62794-9276**

| | |
|---|---|
| <p align="center">APPLICATION FOR PERMIT^(a)</p> <p><input checked="" type="checkbox"/> CONSTRUCT <input type="checkbox"/> OPERATE</p> <p>NAME OF EQUIPMENT TO BE CONSTRUCTED OR OPERATED <u>Monsanto Mist Eliminator(B)</u></p> | <p align="center">FOR AGENCY USE ONLY</p> <p>I.D. NO. <u>09-105-ACV</u></p> <p>PERMIT NO. _____</p> <p>DATE <u>10-17-90</u></p> |
|---|---|

| | |
|---|--|
| <p>1a. NAME OF OWNER: <u>Asphalt Materials, Inc.</u></p> <p>1b. STREET ADDRESS OF OWNER: <u>5400 W. 86th Street</u></p> <p>1c. CITY OF OWNER: <u>Indianapolis</u></p> <p>1d. STATE OF OWNER: <u>Indiana</u></p> | <p>2a. NAME OF OPERATOR: <u>Emulsicoat, Inc.</u></p> <p>2b. STREET ADDRESS OF OPERATOR: <u>705 E. University Ave.</u></p> <p>2c. CITY OF OPERATOR: <u>Urbana</u></p> <p>2d. STATE OF OPERATOR: <u>Illinois</u></p> <p>2e. ZIP CODE: <u>61801</u></p> |
|---|--|

| | |
|---|---|
| <p>3a. NAME OF CORPORATE DIVISION OR PLANT: <u>Emulsicoat, Inc.</u></p> <p>3c. CITY OF EMISSION SOURCE: <u>Urbana</u></p> | <p>3b. STREET ADDRESS OF EMISSION SOURCE: <u>705 E. University Ave.</u></p> <p>3d. LOCATED WITHIN CITY LIMITS: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO</p> <p>3e. TOWNSHIP: <u>Cunningham</u></p> <p>3f. COUNTY: <u>Champaign</u></p> <p>3g. ZIP CODE: <u>61801</u></p> |
|---|---|

| | |
|---|--|
| <p>4. ALL CORRESPONDENCE TO: (TITLE AND/OR NAME OF INDIVIDUAL) <u>Douglas A. Lozier, Corp. Safety Dir.</u></p> <p>6. ADDRESS FOR CORRESPONDENCE: (CHECK ONLY ONE)</p> <p><input checked="" type="checkbox"/> OWNER <input type="checkbox"/> OPERATOR <input type="checkbox"/> EMISSION SOURCE</p> | <p>5. TELEPHONE NUMBER FOR AGENCY TO CALL: <u>317-875-3902</u></p> <p>7. YOUR DESIGNATION FOR THIS APPLICATION: <u>M I S T E L I M I</u></p> |
|---|--|

| | |
|--|--|
| <p>8. THE UNDERSIGNED HEREBY MAKES APPLICATION FOR A PERMIT AND CERTIFIES THAT THE STATEMENTS CONTAINED HEREIN ARE TRUE AND CORRECT, AND FURTHER CERTIFIES THAT ALL PREVIOUSLY SUBMITTED INFORMATION REFERENCED HEREIN REMAINS TRUE, CORRECT AND CURRENT. BY AFFIXING HIS SIGNATURE HERETO HE FURTHER CERTIFIES THAT HE IS AUTHORIZED TO EXECUTE THIS APPLICATION.</p> | |
| <p>AUTHORIZED SIGNATURE(S): </p> <p>BY _____ DATE <u>10-15-90</u></p> <p>SIGNATURE <u>Lewis L. Davis</u></p> <p>TYPED OR PRINTED NAME OF SIGNER <u>Secretary/Treasurer</u></p> <p>TITLE OF SIGNER _____</p> | <p align="center">RECEIVED</p> <p align="center">OCT 17 1990</p> <p>BY _____ DATE _____</p> <p>SIGNATURE _____</p> <p>TYPED OR PRINTED NAME OF SIGNER <u>FEWELL APC SPFLD</u></p> <p>TITLE OF SIGNER _____</p> |
| <p>(A) THIS FORM IS TO PROVIDE THE AGENCY WITH GENERAL INFORMATION ABOUT THE EQUIPMENT TO BE CONSTRUCTED OR OPERATED. THIS FORM MAY BE USED TO REQUEST A CONSTRUCTION PERMIT, AN OPERATING PERMIT, A CONSTRUCTION OR OPERATING PERMIT.</p> <p>(B) ENTER THE GENERIC NAME OF THE EQUIPMENT TO BE CONSTRUCTED OR OPERATED. THIS NAME WILL APPEAR ON THE PERMIT WHICH MAY BE ISSUED PURSUANT TO THIS APPLICATION. THIS FORM MUST BE ACCOMPANIED BY OTHER APPLICABLE FORMS AND INFORMATION.</p> <p>(C) PROVIDE A DESIGNATION IN ITEM 7 ABOVE WHICH YOU WOULD LIKE THE AGENCY TO USE FOR IDENTIFICATION OF YOUR EQUIPMENT. YOUR DESIGNATION WILL BE REFERENCED IN CORRESPONDENCE FROM THIS AGENCY RELATIVE TO THIS APPLICATION. YOUR DESIGNATION MUST NOT EXCEED TEN (10) CHARACTERS.</p> <p>(D) THIS APPLICATION MUST BE SIGNED IN ACCORDANCE WITH 35 ILL. ADM. CODE 201.154 OR 201.159 WHICH STATES: "ALL APPLICATIONS AND SUPPLEMENTS THERETO SHALL BE SIGNED BY THE OWNER AND OPERATOR OF THE EMISSION SOURCE OR AIR POLLUTION CONTROL EQUIPMENT, OR THEIR AUTHORIZED AGENT, AND SHALL BE ACCOMPANIED BY EVIDENCE OF AUTHORITY TO SIGN THE APPLICATION."</p> <p>IF THE OWNER OR OPERATOR IS A CORPORATION, SUCH CORPORATION MUST HAVE ON FILE WITH THE AGENCY A CERTIFIED COPY OF A RESOLUTION OF THE CORPORATION'S BOARD OF DIRECTORS AUTHORIZING THE PERSONS SIGNING THIS APPLICATION TO CAUSE OR ALLOW THE CONSTRUCTION OR OPERATION OF THE EQUIPMENT TO BE COVERED BY THE PERMIT.</p> | |

9. DOES THIS APPLICATION CONTAIN A PLOT PLAN/MAP: See Plot Plan for Operating Permit Application
 YES NO
 IF A PLOT PLAN/MAP HAS PREVIOUSLY BEEN SUBMITTED, SPECIFY:
 AGENCY I.D. NUMBER _____ APPLICATION NUMBER _____
 IS THE APPROXIMATE SIZE OF APPLICANT'S PREMISES LESS THAN 1 ACRE?
 YES NO: SPECIFY 6.9 ACRES

10. DOES THIS APPLICATION CONTAIN A PROCESS FLOW DIAGRAM(S) THAT ACCURATELY AND CLEARLY REPRESENTS CURRENT PRACTICE.
 YES NO See Process Flow Diagram for Operating Permit Application

11a. WAS ANY EQUIPMENT, COVERED THIS APPLICATION, OWNED OR CONTRACTED FOR, BY THE APPLICANT PRIOR TO APRIL 14, 1972:
 YES NO

11b. HAS ANY EQUIPMENT, COVERED BY THIS APPLICATION, NOTPREVIOUSLY RECEIVED AN OPERATING PERMIT:
 YES NO

IF "YES" ATTACH AN ADDITIONAL SHEET, EXHIBIT A, THAT:
 (a) LISTS OR DESCRIBES THE EQUIPMENT
 (b) STATES WHETHER THE EQUIPMENT WAS IN COMPLIANCE WITH THE RULES AND REGULATIONS GOVERNING THE CONTROL OF AIR POLLUTION PRIOR TO APRIL 4, 1972

IF "YES", ATTACH AN ADDITIONAL SHEET, EXHIBIT B, THAT:
 (a) LISTS OR DESCRIBES THE EQUIPMENT
 (b) STATES WHETHER THE EQUIPMENT
 (i) IS ORIGINAL OR ADDITIONAL EQUIPMENT
 (ii) REPLACES EXISTING EQUIPMENT, OR
 (iii) MODIFIES EXISTING EQUIPMENT
 (c) PROVIDES THE ANTICIPATED OR ACTUAL DATES OF THE COMMENCEMENT OF CONSTRUCTION AND THE START-UP OF THE EQUIPMENT

12. IF THIS APPLICATION INCORPORATES BY REFERENCE A PREVIOUSLY GRANTED PERMIT(S), HAS FORM APC-210, "DATA AND INFORMATION—INCORPORATION BY REFERENCE" BEEN COMPLETED. N/A

APPLICATION FOR OPERATING PERMIT ONLY

13. DOES THE STARTUP OF AN EMISSION SOURCE COVERED BY THIS APPLICATION PRODUCE AIR CONTAMINANT EMISSION IN EXCESS OF APPLICABLE STANDARDS:
 YES NO
 IF "YES," HAS FORM APC-203, "OPERATION DURING STARTUP" BEEN COMPLETED FOR THIS SOURCE.
 YES NO

14. DOES THIS APPLICATION REQUEST PERMISSION TO OPREATE AN EMISSION SOURCE DURING MALFUNCTIONS OR BREAKDOWNS:
 YES NO
 IF "YES," HAS FORM APC-204, "OPERATION DURING MALFUNCTION AND BREAKDOWN" BEEN COMPLETED FOR THIS SOURCE
 YES NO

15. IS AN EMISSION SOURCE COVERED BY THIS APPLICATION SUBJECT TO A FUTURE COMPLIANCE DATE:
 YES NO
 IF "YES," HAS FORM APC-202, "COMPLIANCE PROGRAM & PROJECT COMPLETION SCHEDULE," BEEN COMPLETED FOR THIS SOURCE:
 YES NO

16. DOES THE FACILITY COVERED BY THIS APPLICATION REQUIRE AN EPISODE ACTION PLAN (REFER TO GUIDELINES FOR EPISODE ACTION PLANS):
 YES NO

17. LIST AND IDENTIFY ALL FORMS, EXHIBITS, AND OTHER INFORMATION SUBMITTED AS PART OF THIS APPLICATION. INCLUDE THE PAGE NUMBERS OF EACH ITEM (ATTACH ADDITIONAL SHEETS IF NECESSARY):
 Exhibit B (pg 3)
 Data and Information: Air Pollution Control Equipment (APC 260) (pgs 4-9)
 Asphalt Vent Package Details from Monsanto (Attachment)

**STATE OF ILLINOIS
ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF AIR POLLUTION CONTROL
2200 CHURCHILL ROAD
SPRINGFIELD, ILLINOIS 62794-9276**

| | |
|---|--|
| <p align="center">APPLICATION FOR PERMIT^(A)</p> <p><input checked="" type="checkbox"/> CONSTRUCT <input type="checkbox"/> OPERATE</p> <p>NAME OF EQUIPMENT TO BE CONSTRUCTED OR OPERATED <u>Asphalt Tank Vent Scrubbers</u> (B)</p> | <p align="center" style="font-size: small;">FOR AGENCY USE ONLY</p> <p>I.D. NO. <u>019-105-ACV</u></p> <p>PERMIT NO. _____</p> <p>DATE <u>10-17-90</u></p> |
|---|--|


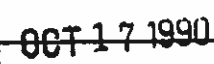
| | | | |
|--|--|---|-------------------------------|
| 1a. NAME OF OWNER: <u>Asphalt Materials, Inc.</u> | 2a. NAME OF OPERATOR: <u>Emulsicoat, Inc.</u> | | |
| 1b. STREET ADDRESS OF OWNER: <u>5400 W. 86th Street</u> | 2b. STREET ADDRESS OF OPERATOR: <u>705 East University Avenue</u> | | |
| 1c. CITY OF OWNER: <u>Indianapolis</u> | 2c. CITY OF OPERATOR: <u>Urbana</u> | | |
| 1d. STATE OF OWNER: <u>Indiana</u> | 1e. ZIP CODE: <u>46268</u> | 2d. STATE OF OPERATOR: <u>Illinois</u> | 2e. ZIP CODE: <u>61801</u> |

| | | | | |
|---|---|------------------------------------|---------------------------------|-------------------------------|
| 3a. NAME OF CORPORATE DIVISION OR PLANT: <u>Emulsicoat, Inc.</u> | 3b. STREET ADDRESS OF EMISSION SOURCE: <u>705 East University Ave.</u> | | | |
| 3c. CITY OF EMISSION SOURCE: <u>Urbana</u> | 3d. LOCATED WITHIN CITY LIMITS: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | 3e. TOWNSHIP: <u>Cunningham</u> | 3f. COUNTY: <u>Champaign</u> | 3g. ZIP CODE: <u>61801</u> |

| | |
|---|--|
| 4. ALL CORRESPONDENCE TO: (TITLE AND/OR NAME OF INDIVIDUAL) <u>Douglas A. Lozier, Corp. Safety Dir.</u> | 5. TELEPHONE NUMBER FOR AGENCY TO CALL: <u>317-875-3902</u> |
| 6. ADDRESS FOR CORRESPONDENCE: (CHECK ONLY ONE) <input checked="" type="checkbox"/> OWNER <input type="checkbox"/> OPERATOR <input type="checkbox"/> EMISSION SOURCE | 7. YOUR DESIGNATION FOR THIS APPLICATION: <u>TANKVENTS1</u> |

8. THE UNDERSIGNED HEREBY MAKES APPLICATION FOR A PERMIT AND CERTIFIES THAT THE STATEMENTS CONTAINED HEREIN ARE TRUE AND CORRECT, AND FURTHER CERTIFIES THAT ALL PREVIOUSLY SUBMITTED INFORMATION REFERENCED IN THIS APPLICATION REMAINS TRUE, CORRECT AND CURRENT. BY AFFIXING HIS SIGNATURE HERETO HE FURTHER CERTIFIES THAT HE IS AUTHORIZED TO EXECUTE THIS APPLICATION.

RECEIVED

| | |
|--|---|
| AUTHORIZED SIGNATURE(S) BY <u></u> SIGNATURE <u>Lewis L. Davis</u> TYPED OR PRINTED NAME OF SIGNER TITLE OF SIGNER <u>Secretary/Treasurer</u> | DATE <u>10-15-90</u> BY <u></u> SIGNATURE <u>OCT 17 1990</u> TYPED OR PRINTED NAME OF SIGNER TITLE OF SIGNER <u>EPA-DAPC-SPLD.</u> |
|--|---|

(A) THIS FORM IS TO PROVIDE THE AGENCY WITH GENERAL INFORMATION ABOUT THE EQUIPMENT TO BE CONSTRUCTED OR OPERATED. THIS FORM MAY BE USED TO REQUEST A CONSTRUCTION PERMIT, AN OPERATING PERMIT, A CONSTRUCTION OR OPERATING PERMIT.

(B) ENTER THE GENERIC NAME OF THE EQUIPMENT TO BE CONSTRUCTED OR OPERATED. THIS NAME WILL APPEAR ON THE PERMIT WHICH MAY BE ISSUED PURSUANT TO THIS APPLICATION. THIS FORM MUST BE ACCOMPANIED BY OTHER APPLICABLE FORMS AND INFORMATION.

(C) PROVIDE A DESIGNATION IN ITEM 7 ABOVE WHICH YOU WOULD LIKE THE AGENCY TO USE FOR IDENTIFICATION OF YOUR EQUIPMENT. YOUR DESIGNATION WILL BE REFERENCED IN CORRESPONDENCE FROM THIS AGENCY RELATIVE TO THIS APPLICATION. YOUR DESIGNATION MUST NOT EXCEED TEN (10) CHARACTERS.

(D) THIS APPLICATION MUST BE SIGNED IN ACCORDANCE WITH 35 ILL. ADM. CODE 201.154 OR 201.159 WHICH STATES: "ALL APPLICATIONS AND SUPPLEMENTS THERETO SHALL BE SIGNED BY THE OWNER AND OPERATOR OF THE EMISSION SOURCE OR AIR POLLUTION CONTROL EQUIPMENT, OR THEIR AUTHORIZED AGENT, AND SHALL BE ACCOMPANIED BY EVIDENCE OF AUTHORITY TO SIGN THE APPLICATION."

IF THE OWNER OR OPERATOR IS A CORPORATION, SUCH CORPORATION MUST HAVE ON FILE WITH THE AGENCY A CERTIFIED COPY OF A RESOLUTION OF THE CORPORATION'S BOARD OF DIRECTORS AUTHORIZING THE PERSONS SIGNING THIS APPLICATION TO CAUSE OR ALLOW THE CONSTRUCTION OR OPERATION OF THE EQUIPMENT TO BE COVERED BY THE PERMIT.

9. DOES THIS APPLICATION CONTAIN A PLOT PLAN/MAP: See Plot Plan for Operating Permit Application
 YES NO

IF A PLOT PLAN/MAP HAS PREVIOUSLY BEEN SUBMITTED, SPECIFY:

AGENCY I.D. NUMBER _____ APPLICATION NUMBER _____

IS THE APPROXIMATE SIZE OF APPLICANT'S PREMISES LESS THAN 1 ACRE?

YES NO: SPECIFY 6.9 ACRES

10. DOES THIS APPLICATION CONTAIN A PROCESS FLOW DIAGRAM(S) THAT ACCURATELY AND CLEARLY REPRESENTS CURRENT PRACTICE.

YES NO See Process Flow Diagram for Operating Permit

11a. WAS ANY EQUIPMENT, COVERED THIS APPLICATION, OWNED OR CONTRACTED FOR, BY THE APPLICANT PRIOR TO APRIL 14, 1972:

YES NO

IF "YES" ATTACH AN ADDITIONAL SHEET, EXHIBIT A, THAT:

- (a) LISTS OR DESCRIBES THE EQUIPMENT
- (b) STATES WHETHER THE EQUIPMENT WAS IN COMPLIANCE WITH THE RULES AND REGULATIONS GOVERNING THE CONTROL OF AIR POLLUTION PRIOR TO APRIL 4, 1972

11b. HAS ANY EQUIPMENT, COVERED BY THIS APPLICATION, NOT PREVIOUSLY RECEIVED AN OPERATING PERMIT:

YES NO

IF "YES", ATTACH AN ADDITIONAL SHEET, EXHIBIT B, THAT:

- (a) LISTS OR DESCRIBES THE EQUIPMENT
- (b) STATES WHETHER THE EQUIPMENT:
 - (i) IS ORIGINAL OR ADDITIONAL EQUIPMENT
 - (ii) REPLACES EXISTING EQUIPMENT, OR
 - (iii) MODIFIES EXISTING EQUIPMENT
- (c) PROVIDES THE ANTICIPATED OR ACTUAL DATES OF THE COMMENCEMENT OF CONSTRUCTION AND THE START-UP OF THE EQUIPMENT

12. IF THIS APPLICATION INCORPORATES BY REFERENCE A PREVIOUSLY GRANTED PERMIT(S), HAS FORM APC-210, "DATA AND INFORMATION—INCORPORATION BY REFERENCE" BEEN COMPLETED. N/A

APPLICATION FOR OPERATING PERMIT ONLY

13. DOES THE STARTUP OF AN EMISSION SOURCE COVERED BY THIS APPLICATION PRODUCE AIR CONTAMINANT EMISSION IN EXCESS OF APPLICABLE STANDARDS:

YES NO

IF "YES," HAS FORM APC-203, "OPERATION DURING STARTUP" BEEN COMPLETED FOR THIS SOURCE.

YES NO

14. DOES THIS APPLICATION REQUEST PERMISSION TO OPERATE AN EMISSION SOURCE DURING MALFUNCTIONS OR BREAKDOWNS:

YES NO

IF "YES," HAS FORM APC-204, "OPERATION DURING MALFUNCTION AND BREAKDOWN" BEEN COMPLETED FOR THIS SOURCE

YES NO

15. IS AN EMISSION SOURCE COVERED BY THIS APPLICATION SUBJECT TO A FUTURE COMPLIANCE DATE:

YES NO

IF "YES," HAS FORM APC-202, "COMPLIANCE PROGRAM & PROJECT COMPLETION SCHEDULE," BEEN COMPLETED FOR THIS SOURCE:

YES NO

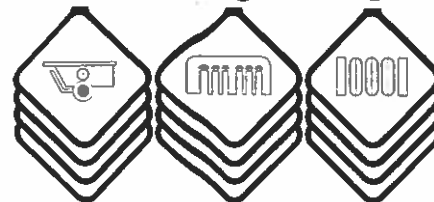
16. DOES THE FACILITY COVERED BY THIS APPLICATION REQUIRE AN EPISODE ACTION PLAN (REFER TO GUIDELINES FOR EPISODE ACTION PLANS):

YES NO

17. LIST AND IDENTIFY ALL FORMS, EXHIBITS, AND OTHER INFORMATION SUBMITTED AS PART OF THIS APPLICATION. INCLUDE THE PAGE NUMBERS OF EACH ITEM (ATTACH ADDITIONAL SHEETS IF NECESSARY):

- Exhibit B (Pg 3)
- Data and Information Air Pollution Control Equipment (APC-260) (Pgs 4-9)
- Engineers Drawing of Asphalt Vent Scrubber (Pg. 10)

TOTAL NUMBER OF PAGES 10



RECEIVED

August 30, 1990

SEP 18 1990

Illinois Environmental Protection Agency IEPH-DAPG-SPFLD.
2200 Churchill Road
Post Office Box 19276
Springfield, IL 62794-9276

Gentlemen:

Asphalt Materials, Inc. hereby, respectfully submits the enclosed Application for a Permit-To-Operate for its Emulsicoat, Inc. asphalt emulsions blending facility located at 705 East University Avenue in Urbana.

Emulsicoat, Inc. has operated this asphalt emulsions plant for 15 years. Over this time, the Emulsicoat plant had applied for and received a Permit-To-Operate. This permit (copy attached) had been renewed several times without being updated. Through a misunderstanding of the permit requirements "operations did remain unchanged". However, tanks were built, storage capacity increased, etc.

Without going into permitting additional, modified, replaced, etc., equipment tanks, I have completed the permit documents for the complete plant including two future projects. As I don't know what all was documented in the original application and permit, I have, to some extent, reapplied for some so that all operations, equipment, etc will be permitted as of this time.

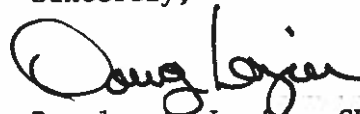
Two future projects mentioned above include replacing the present hot-oil heater with another and the addition of a steam boiler as a piece of additional equipment. Applications for Construction Permits are also enclosed for these projects.

Asphalt Materials, Inc. is studying various technologies and equipment for reducing, elimination, or otherwise mitigating vapor odors that are migrating from our tank storage facilities. As soon as a corporate decision is made as to which route to go, an application for a Construction Permit will be forthcoming for the air pollution control equipment.

It is hoped that your agency will give these applications top priority in order to satisfy the demands and requests of the citizens neighboring Emulsicoat as well as the City of Urbana. We realize that errors were made in the past as for the permitting requirements and that these documents will fully describe our entire facility presently as well as the completion of the two projects for this winter.

If you need any further information or have questions, please call me at our Indianapolis office address: 317-875-3902.

Sincerely,



Douglas A. Lozier, CET
Corporate Safety Director



APPLICATION FOR PERMIT RENEWAL/OPERATING PERMIT

AUGUST 1, 1988

EMULSICOAT INC
ATTENTION: RODERICK E. BEYERS
705E. UNIVERSITY
URBANA IL 61801

APPLICATION NO: 77040047
ID NUMBER: 019105ACV ASPHLT PLT
OPERATION OF:
EMULSIFIED ASPHALT PLANT
LOCATION:
EMULSICOAT INC
705 E UNIVERSITY AVE URBANA

THE ABOVE REFERENCED OPERATING PERMIT WILL EXPIRE ON DECEMBER 06, 1988. THE AGENCY RECOMMENDS THAT YOU APPLY FOR A RENEWAL OF THIS OPERATING PERMIT AT LEAST NINETY (90) DAYS PRIOR TO ITS EXPIRATION.

IF YOUR OPERATION IS UNCHANGED, YOU MAY RENEW YOUR PERMIT BY SIGNING IN THE SPACE PROVIDED BELOW, KEEPING ONE COPY FOR YOUR RECORDS, AND RETURNING THIS CORRESPONDENCE TO THE AGENCY. WHEN DATED AND SIGNED BY THE AGENCY THIS APPLICATION WILL BE RETURNED TO YOU AND WILL BE YOUR PERMIT.

IF THERE HAS BEEN A CHANGE OF OWNERSHIP OR ADDRESS, PLEASE INDICATE THIS BY CORRECTING THE ABOVE INFORMATION. IF YOUR OPERATION HAS CHANGED FROM THAT DESCRIBED IN THE APPLICATION FILED WITH THE AGENCY, THEN YOU MUST USE APPROPRIATE FORMS TO DESCRIBE ALL CHANGES AS PART OF THE APPLICATION. (SEE ENCLOSED 'REQUEST FOR PERMIT FORMS' APC-209).

IF THE OPERATION HAS BEEN PERMANENTLY DISCONTINUED OR INCLUDED IN ANOTHER PERMIT, PLEASE SEND A LETTER TO THE AGENCY WITHDRAWING THIS PERMIT. IF THE OPERATION HAS BEEN INCLUDED IN ANOTHER PERMIT, PLEASE PROVIDE THE PERMIT NUMBER OF THE NEW PERMIT(S) IN YOUR WITHDRAWAL LETTER.

I CERTIFY THAT THE ORIGINAL PERMIT INFORMATION REMAINS TRUE, CORRECT, AND CURRENT AND THAT I AM AUTHORIZED TO EXECUTE THIS APPLICATION FOR PERMIT RENEWAL.

Roderick E. Beyers 8-18-88 Roderick E. Beyers, V. Pres.
SIGNATURE DATE PRINTED NAME AND TITLE OF SIGNER

FOR AGENCY USE ONLY

PERMIT EXPIRATION DATE: August 26, 1993

PERMIT IS GRANTED TO OPERATE THE ABOVE REFERENCED EQUIPMENT SUBJECT TO STANDARD CONDITIONS ATTACHED HERETO AND ANY SPECIAL CONDITIONS OF THE PREVIOUSLY GRANTED OPERATING PERMIT.

Terry Sweitzer
TERRY SWEITZER, P.E.
MANAGER, PERMIT SECTION
DIVISION OF AIR POLLUTION CONTROL

**STATE OF ILLINOIS
ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF AIR POLLUTION CONTROL
2200 CHURCHILL ROAD
SPRINGFIELD, ILLINOIS 62794-9276**

| | |
|--|---|
| <p align="center">APPLICATION FOR PERMIT^(a)</p> <p><input checked="" type="checkbox"/> CONSTRUCT <input type="checkbox"/> OPERATE</p> <p>NAME OF EQUIPMENT TO BE CONSTRUCTED OR OPERATED <u>Superior Steam Boiler</u> #1 (B)</p> | <p align="center">FOR AGENCY USE ONLY</p> <p>I.D. NO. <u>019-105-ACV</u></p> <p>PERMIT NO. <u>77040047</u></p> <p>DATE <u>9-18-90</u></p> |
|--|---|

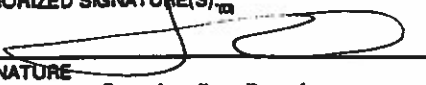
| | |
|---|--|
| 1a. NAME OF OWNER: <u>Asphalt Materials, Inc.</u> | 2a. NAME OF OPERATOR: <u>Emulsicoat, Inc.</u> |
| 1b. STREET ADDRESS OF OWNER: <u>5400 W. 86th Street</u> | 2b. STREET ADDRESS OF OPERATOR: <u>705 East University Ave</u> |
| 1c. CITY OF OWNER: <u>Indianapolis</u> | 2c. CITY OF OPERATOR: <u>Urbana</u> |
| 1d. STATE OF OWNER: <u>Indiana</u> | 1e. ZIP CODE: <u>46268</u> |
| | 2d. STATE OF OPERATOR: <u>Illinois</u> |
| | 2e. ZIP CODE: <u>61801</u> |

| | |
|--|---|
| 3a. NAME OF CORPORATE DIVISION OR PLANT: <u>Emulsicoat</u> | 3b. STREET ADDRESS OF EMISSION SOURCE: <u>705 E. University Ave.</u> |
| 3c. CITY OF EMISSION SOURCE: <u>Urbana</u> | 3d. LOCATED WITHIN CITY LIMITS: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO |
| | 3e. TOWNSHIP: <u>Cunningham</u> |
| | 3f. COUNTY: <u>Champaign</u> |
| | 3g. ZIP CODE: <u>61801</u> |

| | |
|---|--|
| 4. ALL CORRESPONDENCE TO: (TITLE AND/OR NAME OF INDIVIDUAL) <u>Douglas A. Lozier, Corp. Safety Dir</u> | 5. TELEPHONE NUMBER FOR AGENCY TO CALL: <u>317-875-3902</u> |
| 6. ADDRESS FOR CORRESPONDENCE: (CHECK ONLY ONE) <input checked="" type="checkbox"/> OWNER <input type="checkbox"/> OPERATOR <input type="checkbox"/> EMISSION SOURCE | 7. YOUR DESIGNATION FOR THIS APPLICATION: ^(a) <u>BOILER #1</u> |

8. THE UNDERSIGNED HEREBY MAKES APPLICATION FOR A PERMIT AND CERTIFIES THAT THE STATEMENTS CONTAINED HEREIN ARE TRUE AND CORRECT, AND FURTHER CERTIFIES THAT ALL PREVIOUSLY SUBMITTED INFORMATION REFERENCED IN THIS APPLICATION REMAINS TRUE, CORRECT AND CURRENT. BY AFFIXING HIS SIGNATURE HERETO HE FURTHER CERTIFIES THAT HE IS AUTHORIZED TO EXECUTE THIS APPLICATION.

RECEIVED

| | |
|---|---|
| AUTHORIZED SIGNATURE(S): BY <u></u> <u>9/11/90</u> SIGNATURE DATE TYPED OR PRINTED NAME OF SIGNER <u>Lewis L. Davis</u> TITLE OF SIGNER <u>Secretary/Treasurer</u> | BY <u>SEP 18 1990</u> SIGNATURE DATE TYPED OR PRINTED NAME OF SIGNER <u>JEFF WAPC - SHFLD</u> TITLE OF SIGNER |
|---|---|

(A) THIS FORM IS TO PROVIDE THE AGENCY WITH GENERAL INFORMATION ABOUT THE EQUIPMENT TO BE CONSTRUCTED OR OPERATED. THIS FORM MAY BE USED TO REQUEST A CONSTRUCTION PERMIT, AN OPERATING PERMIT, A CONSTRUCTION OR OPERATING PERMIT.

(B) ENTER THE GENERIC NAME OF THE EQUIPMENT TO BE CONSTRUCTED OR OPERATED. THIS NAME WILL APPEAR ON THE PERMIT WHICH MAY BE ISSUED PURSUANT TO THIS APPLICATION. THIS FORM MUST BE ACCOMPANIED BY OTHER APPLICABLE FORMS AND INFORMATION.

(C) PROVIDE A DESIGNATION IN ITEM 7 ABOVE WHICH YOU WOULD LIKE THE AGENCY TO USE FOR IDENTIFICATION OF YOUR EQUIPMENT. YOUR DESIGNATION WILL BE REFERENCED IN CORRESPONDENCE FROM THIS AGENCY RELATIVE TO THIS APPLICATION. YOUR DESIGNATION MUST NOT EXCEED TEN (10) CHARACTERS.

(D) THIS APPLICATION MUST BE SIGNED IN ACCORDANCE WITH 35 ILL. ADM. CODE 201.154 OR 201.159 WHICH STATES: "ALL APPLICATIONS AND SUPPLEMENTS THERETO SHALL BE SIGNED BY THE OWNER AND OPERATOR OF THE EMISSION SOURCE OR AIR POLLUTION CONTROL EQUIPMENT, OR THEIR AUTHORIZED AGENT, AND SHALL BE ACCOMPANIED BY EVIDENCE OF AUTHORITY TO SIGN THE APPLICATION."

IF THE OWNER OR OPERATOR IS A CORPORATION, SUCH CORPORATION MUST HAVE ON FILE WITH THE AGENCY A CERTIFIED COPY OF A RESOLUTION OF THE CORPORATION'S BOARD OF DIRECTORS AUTHORIZING THE PERSONS SIGNING THIS APPLICATION TO CAUSE OR ALLOW THE CONSTRUCTION OR OPERATION OF THE EQUIPMENT TO BE COVERED BY THE PERMIT.

9. DOES THIS APPLICATION CONTAIN A PLOT PLAN/MAP:

YES NO

See Plot plan for Operating Permit Application

IF A PLOT PLAN/MAP HAS PREVIOUSLY BEEN SUBMITTED, SPECIFY:

AGENCY I.D. NUMBER _____ APPLICATION NUMBER _____

IS THE APPROXIMATE SIZE OF APPLICANT'S PREMISES LESS THAN 1 ACRE?

YES NO: SPECIFY 6.9 ACRES

10. DOES THIS APPLICATION CONTAIN A PROCESS FLOW DIAGRAM(S) THAT ACCURATELY AND CLEARLY REPRESENTS CURRENT PRACTICE.

YES NO

See Process Flow Diagram for Operating Permit Appl.
See Plot Plan for Operating Permit

11a. WAS ANY EQUIPMENT, COVERED THIS APPLICATION, OWNED OR CONTRACTED FOR, BY THE APPLICANT PRIOR TO APRIL 14, 1972:

YES NO

IF "YES" ATTACH AN ADDITIONAL SHEET, EXHIBIT A, THAT:

- (a) LISTS OR DESCRIBES THE EQUIPMENT
- (b) STATES WHETHER THE EQUIPMENT WAS IN COMPLIANCE WITH THE RULES AND REGULATIONS GOVERNING THE CONTROL OF AIR POLLUTION PRIOR TO APRIL 4, 1972

11b. HAS ANY EQUIPMENT, COVERED BY THIS APPLICATION, NOT PREVIOUSLY RECEIVED AN OPERATING PERMIT:

YES NO

IF "YES", ATTACH AN ADDITIONAL SHEET, EXHIBIT B, THAT:

- (a) LISTS OR DESCRIBES THE EQUIPMENT
- (b) STATES WHETHER THE EQUIPMENT
 - (i) IS ORIGINAL OR ADDITIONAL EQUIPMENT
 - (ii) REPLACES EXISTING EQUIPMENT, OR
 - (iii) MODIFIES EXISTING EQUIPMENT
- (c) PROVIDES THE ANTICIPATED OR ACTUAL DATES OF THE COMMENCEMENT OF CONSTRUCTION AND THE START-UP OF THE EQUIPMENT

12. IF THIS APPLICATION INCORPORATES BY REFERENCE A PREVIOUSLY GRANTED PERMIT(S), HAS FORM APC-210, "DATA AND INFORMATION—INCORPORATION BY REFERENCE" BEEN COMPLETED.

13. DOES THE STARTUP OF AN EMISSION SOURCE COVERED BY THIS APPLICATION PRODUCE AIR CONTAMINANT EMISSION IN EXCESS OF APPLICABLE STANDARDS:

YES NO

IF "YES," HAS FORM APC-203, "OPERATION DURING STARTUP" BEEN COMPLETED FOR THIS SOURCE.

YES NO

APPLICATION FOR OPERATING PERMIT ONLY

14. DOES THIS APPLICATION REQUEST PERMISSION TO OPERATE AN EMISSION SOURCE DURING MALFUNCTIONS OR BREAKDOWNS:

YES NO

IF "YES," HAS FORM APC-204, "OPERATION DURING MALFUNCTION AND BREAKDOWN" BEEN COMPLETED FOR THIS SOURCE

YES NO

15. IS AN EMISSION SOURCE COVERED BY THIS APPLICATION SUBJECT TO A FUTURE COMPLIANCE DATE:

YES NO

IF "YES," HAS FORM APC-202, "COMPLIANCE PROGRAM & PROJECT COMPLETION SCHEDULE," BEEN COMPLETED FOR THIS SOURCE:

YES NO

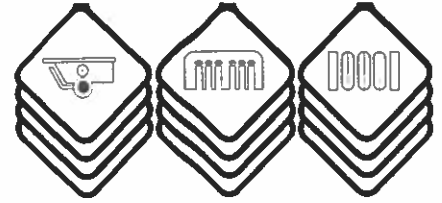
16. DOES THE FACILITY COVERED BY THIS APPLICATION REQUIRE AN EPISODE ACTION PLAN (REFER TO GUIDELINES FOR EPISODE ACTION PLANS):

YES NO

17. LIST AND IDENTIFY ALL FORMS, EXHIBITS, AND OTHER INFORMATION SUBMITTED AS PART OF THIS APPLICATION. INCLUDE THE PAGE NUMBERS OF EACH ITEM (ATTACH ADDITIONAL SHEETS IF NECESSARY):

Exhibit B (pg 3)
Data and information fuel Combustion Emission Source, APC-240 (pgs 4-6)
Evidence of Authority to sign Application (pg.7)

TOTAL NUMBER OF PAGES 7



Page 3 of 7

EXHIBIT B

- (A) Equipment is a 1975 Superior Steam boiler (designated as boiler #1), fired by natural gas, to be used in the production of steam to heat internal heating coils of the asphalt storage tanks and processes.
- (B) Boiler #1 will be additional equipment, designated as emission source B-1.
- (C) Anticipated date of installation is November 1, 1990.
Anticipated date of start-up is March 1, 1991.



STATE OF ILLINOIS
ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF AIR POLLUTION CONTROL
2200 CHURCHILL ROAD
SPRINGFIELD, ILLINOIS 62706

This agency is authorized to require this information under Illinois Revised Statutes, 1979, Chapter III 1/2, Section 1039. Disclosure of this information is required under that section. Failure to do so may prevent this form from being processed and could result in your application being denied. This form has been approved by the Forms Management Center.

*DATA AND INFORMATION
FUEL COMBUSTION EMISSION SOURCE

*THIS INFORMATION FORM IS TO BE COMPLETED FOR A FURNACE, BOILER, OR SIMILAR EQUIPMENT USED FOR THE PRIMARY PURPOSE OF PRODUCING HEAT OR POWER BY INDIRECT HEAT TRANSFER. AN EMISSION SOURCE THAT DOES NOT FIT THIS DESCRIPTION, INCLUDING AN EMISSION SOURCE USING DIRECT HEATING, IS EITHER A PROCESS EMISSION SOURCE OR AN INCINERATOR.

| | |
|---|---|
| 1. NAME OF OWNER: Asphalt Materials, Inc. | 2. NAME OF CORPORATE DIVISION OR PLANT (IF DIFFERENT FROM OWNER): Emulsicoat, Inc. |
| 3. STREET ADDRESS OF EMISSION SOURCE: 705 E. University Ave. | 4. CITY OF EMISSION SOURCE: Urbana |

GENERAL INFORMATION

| | | |
|---|--|---------------------------|
| 5. FLOW DIAGRAM DESIGNATION(S) OF EMISSION SOURCE: B-1 | | |
| 6. MANUFACTURER: Superior | 7. MODEL NUMBER: 4-5-3004 | 8. SERIAL NUMBER: 7304 |
| 9. AVERAGE OPERATING TIME OF EMISSION SOURCE: 24 HRS/DAY 7 DAYS/WK 40 WKS/YR | 10. MAXIMUM OPERATING TIME OF EMISSION SOURCE: 24 HRS/DAY 7 DAYS/WK 45 WKS/YR | |
| 11. PERCENT OF ANNUAL HEAT INPUT: DEC-FEB 1 % MAR-MAY 33 % JUN-AUG 33 % SEP-NOV 33 % | | |

INSTRUCTIONS

1. COMPLETE THE ABOVE IDENTIFICATION AND GENERAL INFORMATION SECTION.
2. COMPLETE THE APPROPRIATE FUEL SECTION OR SECTIONS. IF MORE THAN ONE FUEL IS FIRED OR IF THE CAPABILITY EXISTS TO FIRE MORE THAN ONE FUEL, THE ACTUAL USAGE OF FUELS AND THE RELATIONSHIP BETWEEN FUELS, SIMULTANEOUS FIRING, ALTERNATE FIRING, RESERVE FUEL, ETC., MUST BE MADE CLEAR.
3. EMISSION AND EXHAUST POINT INFORMATION MUST BE COMPLETED, UNLESS EMISSIONS ARE EXHAUSTED THROUGH AIR POLLUTION CONTROL EQUIPMENT.
4. FIRING RATES AND CERTAIN OTHER ITEMS REQUIRE BOTH AVERAGE AND MAXIMUM VALUES.
5. FOR GENERAL INFORMATION REFER TO "GENERAL INSTRUCTIONS FOR PERMIT APPLICATIONS," APC-201.

DEFINITIONS

AVERAGE - THE VALUE THAT SUMMARIZES OR REPRESENTS THE GENERAL CONDITION OF THE EMISSION SOURCE, OR THE GENERAL STATE OF HEAT PRODUCTION OF THE EMISSION SOURCE. SPECIFICALLY:

AVERAGE OPERATING TIME - ACTUAL TOTAL HOURS OF OPERATION FOR THE PRECEDING TWELVE MONTH PERIOD.

AVERAGE RATE - ACTUAL TOTAL QUANTITY OF "MATERIAL" FOR THE PRECEDING TWELVE MONTH PERIOD, DIVIDED BY THE AVERAGE OPERATING TIME.

AVERAGE OPERATION - OPERATION TYPICAL OF THE PRECEDING TWELVE MONTH PERIOD, AS REPRESENTED BY AVERAGE OPERATING TIME AND AVERAGE RATES.

MAXIMUM - THE GREATEST VALUE ATTAINABLE OR ATTAINED FROM THE EMISSION SOURCE, OR THE PERIOD OF GREATEST OR UTMOST HEAT PRODUCTION OF THE EMISSION SOURCE. SPECIFICALLY:

MAXIMUM OPERATING TIME - GREATEST EXPECTED TOTAL HOURS OF OPERATION FOR ANY TWELVE MONTH PERIOD.

MAXIMUM RATE - GREATEST QUANTITY OF "MATERIAL" EXPECTED PER ANY ONE HOUR OF OPERATION.

MAXIMUM OPERATION - GREATEST EXPECTED OPERATION, AS REPRESENTED BY MAXIMUM OPERATING TIME AND MAXIMUM RATES.

| GAS FIRING | | | |
|---|---|----------------------------------|--|
| *11. ORIGIN OF GAS: <input checked="" type="checkbox"/> PIPELINE <input type="checkbox"/> DISTILLATE FUEL <input type="checkbox"/> OTHER LIQUID FUEL <input type="checkbox"/> SOLID FUEL <input type="checkbox"/> BYPRODUCT: SPECIFY SOURCE | | | |
| 12. ARE YOU ON AN INTERRUPTABLE GAS SUPPLY: <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO IF "YES", SPECIFY ALTERNATE FUEL: _____ | | | |
| 13. ANNUAL CONSUMPTION: 169,344,000 SCF | * 14. HEAT CONTENT: BTU/SCF | * 15. SULFUR CONTENT: %BY WT. | |
| 16. AVERAGE FIRING RATE: 20,000,000 BTU/HR | 17. MAXIMUM FIRING RATE: 25,200,000 BTU/HR | | |

*IF THE GAS FIRED IS NATURAL GAS, THESE ITEMS NEED NOT BE COMPLETED.

| OIL FIRING | | | |
|---|--|--|--|
| 18. TYPE OF OIL: GRADE NUMBER: <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 OTHER: SPECIFY _____ | | | |
| 19. ANNUAL CONSUMPTION: GALLONS | 20. HEAT CONTENT: <input type="checkbox"/> BTU/LB <input type="checkbox"/> BTU/GAL | | |
| 21. SULFUR CONTENT: %BY WT | 22. ASH CONTENT: %BY WT | | |
| 23. DIRECTION OF FIRING: <input type="checkbox"/> HORIZONTAL <input type="checkbox"/> TANGENTIAL <input type="checkbox"/> OTHER: SPECIFY _____ | | | |
| 24. AVERAGE FIRING RATE: BTU/HR | 25. MAXIMUM FIRING RATE: BTU/HR | | |

| SOLID FUEL FIRING | | | |
|--|--------------------------------------|--|--|
| 26. TYPE OF SOLID FUEL: <input type="checkbox"/> SUB-BITUMINOUS COAL <input type="checkbox"/> BITUMINOUS COAL <input type="checkbox"/> ANTHRACITE COAL <input type="checkbox"/> OTHER: SPECIFY _____ | | | |
| 27. ANNUAL CONSUMPTION: TONS | 28. HEAT CONTENT AS FIRED: BTU/LB | | |
| 29. MOISTURE CONTENT AS FIRED: %BY WT | 30. ASH CONTENT AS FIRED: %BY WT | 31. SULFUR CONTENT AS FIRED: %BY WT | |
| 32. TYPE OF FIRING: <input type="checkbox"/> CYCLONE <input type="checkbox"/> PULVERIZED { <input type="checkbox"/> WET BOTTOM OR <input type="checkbox"/> DRY BOTTOM, <input type="checkbox"/> HORIZONTALLY OPPOSED OR <input type="checkbox"/> OTHER: SPECIFY _____ <input type="checkbox"/> SPREADER STOKER: % REINJECTION _____ <input type="checkbox"/> OTHER: SPECIFY _____ | | | |
| 33. AVERAGE FIRING RATE: BTU/HR | 34. MAXIMUM FIRING RATE: BTU/HR | | |

SUBMIT COPIES OF THOSE PORTIONS OF COAL OR OTHER SOLID FUEL CONTRACTS WHICH SET FORTH THE SPECIFICATIONS OF THE FUEL AND THE DURATION OF THE CONTRACT. IF THE ACTUAL FUEL FIRED IS A BLEND OF SOLID FUELS, SUBMIT APPROPRIATE PORTIONS OF ALL FUEL CONTRACTS AND SET FORTH THE MANNER IN WHICH THE FUELS ARE BLENDED AND ACTUALLY FIRED. REFERENCE THIS INFORMATION TO THIS FORM.

| *EMISSION INFORMATION | | | | |
|---|---|-----------|--|---|
| 35. NUMBER OF IDENTICAL SOURCES (DESCRIBE AS REQUIRED): | | | | |
| 1 | | | | |
| AVERAGE OPERATION | | | | |
| CONTAMINANT | CONCENTRATION OR EMISSION RATE PER IDENTICAL SOURCE | | | METHOD USED TO DETERMINE CONCENTRATION OR EMISSION RATE |
| PARTICULATE MATTER | 36a. | GR/SCF | b. <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR | c. |
| CARBON MONOXIDE | 37a. | PPM (VOL) | b. <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR | c. |
| NITROGEN OXIDES | 38a. | PPM (VOL) | b. <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR | c. |
| ORGANIC MATERIAL | 39a. | PPM (VOL) | b. <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR | c. |
| SULFUR DIOXIDE | 40a. | PPM (VOL) | b. <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR | c. |
| MAXIMUM OPERATION | | | | |
| CONTAMINANT | CONCENTRATION OR EMISSION RATE PER IDENTICAL SOURCE | | | METHOD USED TO DETERMINE CONCENTRATION OR EMISSION RATE |
| PARTICULATE MATTER | 41a. | GR/SCF | b. <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR | ∴ |
| CARBON MONOXIDE | 42a. | PPM (VOL) | b. <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR | c. |
| NITROGEN OXIDES | 43a. | PPM (VOL) | b. <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR | c. |
| ORGANIC MATERIAL | 44a. | PPM (VOL) | b. <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR | c. |
| SULFUR DIOXIDE | 45a. | PPM (VOL) | b. <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR | c. |

*IF EMISSIONS ARE EXHAUSTED THROUGH AIR POLLUTION CONTROL EQUIPMENT, OR IF NATURAL GAS IS THE FUEL FIRED, ITEMS 36 THROUGH 47 NEED NOT BE COMPLETED.

| **EXHAUST POINT INFORMATION | |
|---|--|
| 46. FLOW DIAGRAM DESIGNATION(S) OF EXHAUST POINT: | |
| 47. DESCRIPTION OF EXHAUST POINT (LOCATION IN RELATION TO BUILDINGS, DIRECTION, HOODING, ETC.): | |
| 48. EXIT HEIGHT ABOVE GRADE: 21 Ft. | 50. EXIT DIAMETER: 25.25" |
| 49. GREATEST HEIGHT OF NEARBY BUILDINGS: 25 FT | 51. EXIT DISTANCE FROM NEAREST PLANT BOUNDARY: 50 FT |
| AVERAGE OPERATION | MAXIMUM OPERATION |
| 52. EXIT GAS TEMPERATURE: Unknown °F | 54. EXIT GAS TEMPERATURE: Unknown °F |
| 53. GAS FLOW RATE THROUGH EACH EXIT: Unknown ACFM | 55. GAS FLOW RATE THROUGH EACH EXIT: Unknown ACFM |

**IF EMISSIONS ARE EXHAUSTED THROUGH AIR POLLUTION CONTROL EQUIPMENT THIS SECTION SHOULD NOT BE COMPLETED.

CERTIFICATION

The undersigned, as Secretary of Emulsicoat, Inc., an Indiana corporation, certifies that the present officers of the corporation as reflected by the minutes of the corporation are as follows:

| | |
|-------------------------|------------------------|
| Fred M. Fehsenfeld, Jr. | President |
| Roderick E. Beyers | Vice President |
| Jacob A. Ruxer | Vice President Finance |
| Lewis L. Davis | Secretary/Treasurer |


The undersigned further certifies that Lewis L. Davis is authorized to sign bids, construction contracts and execute permit applications on behalf of the corporation.

CERTIFIED, This 11th day of September, 1990.

EMULSICOAT, INC.


Fred M. Fehsenfeld, Jr.,
President

ATTEST:


Lewis L. Davis, Secretary

9. DOES THIS APPLICATION CONTAIN A PLOT PLAN/MAP: See plot plan with Operating Permit Application
 YES NO

IF A PLOT PLAN/MAP HAS PREVIOUSLY BEEN SUBMITTED, SPECIFY:

AGENCY I.D. NUMBER _____ APPLICATION NUMBER _____

IS THE APPROXIMATE SIZE OF APPLICANT'S PREMISES LESS THAN 1 ACRE?

YES NO: SPECIFY 6.9 ACRES

10. DOES THIS APPLICATION CONTAIN A PROCESS FLOW DIAGRAM(S) THAT ACCURATELY AND CLEARLY REPRESENTS CURRENT PRACTICE.

YES NO

See Process Flow Diagram submitted with Permit to Operate Application

11a. WAS ANY EQUIPMENT, COVERED THIS APPLICATION, OWNED OR CONTRACTED FOR, BY THE APPLICANT PRIOR TO APRIL 14, 1972:

YES NO

IF "YES" ATTACH AN ADDITIONAL SHEET, EXHIBIT A, THAT:
 (a) LISTS OR DESCRIBES THE EQUIPMENT
 (b) STATES WHETHER THE EQUIPMENT WAS IN COMPLIANCE WITH THE RULES AND REGULATIONS GOVERNING THE CONTROL OF AIR POLLUTION PRIOR TO APRIL 4, 1972

11b. HAS ANY EQUIPMENT, COVERED BY THIS APPLICATION, NOT PREVIOUSLY RECEIVED AN OPERATING PERMIT:

YES NO

IF "YES", ATTACH AN ADDITIONAL SHEET, EXHIBIT B, THAT:
 (a) LISTS OR DESCRIBES THE EQUIPMENT
 (b) STATES WHETHER THE EQUIPMENT
 (i) IS ORIGINAL OR ADDITIONAL EQUIPMENT
 (ii) REPLACES EXISTING EQUIPMENT, OR
 (iii) MODIFIES EXISTING EQUIPMENT
 (c) PROVIDES THE ANTICIPATED OR ACTUAL DATES OF THE COMMENCEMENT OF CONSTRUCTION AND THE START-UP OF THE EQUIPMENT

12. IF THIS APPLICATION INCORPORATES BY REFERENCE A PREVIOUSLY GRANTED PERMIT(S), HAS FORM APC-210, "DATA AND INFORMATION—INCORPORATION BY REFERENCE" BEEN COMPLETED.

13. DOES THE STARTUP OF AN EMISSION SOURCE COVERED BY THIS APPLICATION PRODUCE AIR CONTAMINANT EMISSION IN EXCESS OF APPLICABLE STANDARDS:

YES NO

IF "YES," HAS FORM APC-203, "OPERATION DURING STARTUP" BEEN COMPLETED FOR THIS SOURCE.

YES NO

14. DOES THIS APPLICATION REQUEST PERMISSION TO OPERATE AN EMISSION SOURCE DURING MALFUNCTIONS OR BREAKDOWNS:

YES NO

IF "YES," HAS FORM APC-204, "OPERATION DURING MALFUNCTION AND BREAKDOWN" BEEN COMPLETED FOR THIS SOURCE

YES NO

15. IS AN EMISSION SOURCE COVERED BY THIS APPLICATION SUBJECT TO A FUTURE COMPLIANCE DATE:

YES NO

IF "YES," HAS FORM APC-202, "COMPLIANCE PROGRAM & PROJECT COMPLETION SCHEDULE," BEEN COMPLETED FOR THIS SOURCE:

YES NO

16. DOES THE FACILITY COVERED BY THIS APPLICATION REQUIRE AN EPISODE ACTION PLAN (REFER TO GUIDELINES FOR EPISODE ACTION PLANS):

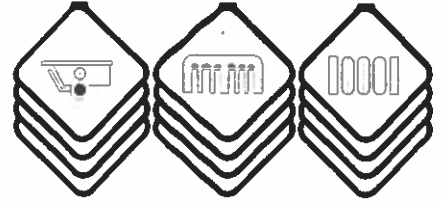
YES NO

17. LIST AND IDENTIFY ALL FORMS, EXHIBITS, AND OTHER INFORMATION SUBMITTED AS PART OF THIS APPLICATION. INCLUDE THE PAGE NUMBERS OF EACH ITEM (ATTACH ADDITIONAL SHEETS IF NECESSARY):

Exhibit B (pg.3)
 Data and information-Fuel Combustion Emission Source, APC-240 (pgs 4-6)
 Evidence of Authority to sign application (pg.7)

TOTAL NUMBER OF PAGES 7

APPLICATION FOR OPERATING PERMIT ONLY



Page 3 of 7

EXHIBIT B

- (A) Equipment is a Hy-Way Heat Systems Hot Oil Heater designated as Boiler #3, emission source B-3, fired by natural gas used in the production of hot oil that is circulated through the internal heating coils of asphalt storage tanks.
- (B) Boiler #3 will be replacement equipment replacing boiler #2 (Hot oil heater emission source B-2) which will be dismantled and transferred to our asphalt plant in Marion, Ohio.
- (C) Anticipated date of installation is November 1, 1990.
Anticipated date of start-up is March 1, 1991.

This agency is authorized to require this information under Illinois Revised Statutes, 1979, Chapter III 1/2, Section 1039. Disclosure of this information is required under that section. Failure to do so may prevent this form from being processed and could result in your application being denied. This form has been approved by the Forms Management Center.



STATE OF ILLINOIS
 ENVIRONMENTAL PROTECTION AGENCY
 DIVISION OF AIR POLLUTION CONTROL
 2200 CHURCHILL ROAD
 SPRINGFIELD, ILLINOIS 62706

| |
|---|
| <p>*DATA AND INFORMATION</p> <p>FUEL COMBUSTION EMISSION SOURCE</p> |
|---|

*THIS INFORMATION FORM IS TO BE COMPLETED FOR A FURNACE, BOILER, OR SIMILAR EQUIPMENT USED FOR THE PRIMARY PURPOSE OF PRODUCING HEAT OR POWER BY INDIRECT HEAT TRANSFER. AN EMISSION SOURCE THAT DOES NOT FIT THIS DESCRIPTION, INCLUDING AN EMISSION SOURCE USING DIRECT HEATING, IS EITHER A PROCESS EMISSION SOURCE OR AN INCINERATOR.

| | |
|--|--|
| <p>1. NAME OF OWNER: Asphalt Materials, Inc.</p> | <p>2. NAME OF CORPORATE DIVISION OR PLANT (IF DIFFERENT FROM OWNER): Emulsicoat, Inc.</p> |
| <p>3. STREET ADDRESS OF EMISSION SOURCE: 705 E. University Avenue</p> | <p>4. CITY OF EMISSION SOURCE: Urbana</p> |

GENERAL INFORMATION

| | | |
|--|---|--|
| <p>5. FLOW DIAGRAM DESIGNATION(S) OF EMISSION SOURCE: B-3</p> | | |
| <p>6. MANUFACTURER: HY-Way Heat Systems, Inc.</p> | <p>7. MODEL NUMBER: 68 HSF GH</p> | <p>8. SERIAL NUMBER: 3700</p> |
| <p>9. AVERAGE OPERATING TIME OF EMISSION SOURCE: 24 HRS/DAY 7 DAYS/WK 40 WKS/YR</p> | <p>10. MAXIMUM OPERATING TIME OF EMISSION SOURCE: 24 HRS/DAY 7 DAYS/WK 45 WKS/YR</p> | |
| <p>11. PERCENT OF ANNUAL HEAT INPUT: DEC-FEB 1 % MAR-MAY 33 % JUN-AUG 33 % SEP-NOV 33 %</p> | | |

INSTRUCTIONS

1. COMPLETE THE ABOVE IDENTIFICATION AND GENERAL INFORMATION SECTION.
2. COMPLETE THE APPROPRIATE FUEL SECTION OR SECTIONS. IF MORE THAN ONE FUEL IS FIRED OR IF THE CAPABILITY EXISTS TO FIRE MORE THAN ONE FUEL, THE ACTUAL USAGE OF FUELS AND THE RELATIONSHIP BETWEEN FUELS, SIMULTANEOUS FIRING, ALTERNATE FIRING, RESERVE FUEL, ETC., MUST BE MADE CLEAR.
3. EMISSION AND EXHAUST POINT INFORMATION MUST BE COMPLETED, UNLESS EMISSIONS ARE EXHAUSTED THROUGH AIR POLLUTION CONTROL EQUIPMENT.
4. FIRING RATES AND CERTAIN OTHER ITEMS REQUIRE BOTH AVERAGE AND MAXIMUM VALUES.
5. FOR GENERAL INFORMATION REFER TO "GENERAL INSTRUCTIONS FOR PERMIT APPLICATIONS," APC-201.

DEFINITIONS

AVERAGE - THE VALUE THAT SUMMARIZES OR REPRESENTS THE GENERAL CONDITION OF THE EMISSION SOURCE, OR THE GENERAL STATE OF HEAT PRODUCTION OF THE EMISSION SOURCE. SPECIFICALLY:
 AVERAGE OPERATING TIME - ACTUAL TOTAL HOURS OF OPERATION FOR THE PRECEDING TWELVE MONTH PERIOD.
 AVERAGE RATE - ACTUAL TOTAL QUANTITY OF "MATERIAL" FOR THE PRECEDING TWELVE MONTH PERIOD, DIVIDED BY THE AVERAGE OPERATING TIME.
 AVERAGE OPERATION - OPERATION TYPICAL OF THE PRECEDING TWELVE MONTH PERIOD, AS REPRESENTED BY AVERAGE OPERATING TIME AND AVERAGE RATES.

MAXIMUM - THE GREATEST VALUE ATTAINABLE OR ATTAINED FROM THE EMISSION SOURCE, OR THE PERIOD OF GREATEST OR UTMOST HEAT PRODUCTION OF THE EMISSION SOURCE. SPECIFICALLY:
 MAXIMUM OPERATING TIME - GREATEST EXPECTED TOTAL HOURS OF OPERATION FOR ANY TWELVE MONTH PERIOD.
 MAXIMUM RATE - GREATEST QUANTITY OF "MATERIAL" EXPECTED PER ANY ONE HOUR OF OPERATION.
 MAXIMUM OPERATION - GREATEST EXPECTED OPERATION, AS REPRESENTED BY MAXIMUM OPERATING TIME AND MAXIMUM RATES.

| GAS FIRING | | | |
|--|--|---|----------------------------------|
| *11. ORIGIN OF GAS: <input checked="" type="checkbox"/> PIPELINE <input type="checkbox"/> DISTILLATE FUEL OIL GASIFICATION <input type="checkbox"/> OTHER LIQUID FUEL GASIFICATION <input type="checkbox"/> SOLID FUEL GASIFICATION <input type="checkbox"/> BYPRODUCT: SPECIFY SOURCE _____ | | | |
| 12. ARE YOU ON AN INTERRUPTABLE GAS SUPPLY: <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO IF "YES", SPECIFY ALTERNATE FUEL: _____ | | | |
| 13. ANNUAL CONSUMPTION: 22,848,000 SCF | | * 14. HEAT CONTENT: BTU/SCF | * 15. SULFUR CONTENT: %BY WT. |
| 16. AVERAGE FIRING RATE: 3,400,000 BTU/HR | | 17. MAXIMUM FIRING RATE: 4,200,000 BTU/HR | |

*IF THE GAS FIRED IS NATURAL GAS, THESE ITEMS NEED NOT BE COMPLETED.

| OIL FIRING | | | |
|--|--|--|--|
| 18. TYPE OF OIL: GRADE NUMBER: <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 OTHER: SPECIFY _____ | | | |
| 19. ANNUAL CONSUMPTION: GALLONS | | 20. HEAT CONTENT: <input type="checkbox"/> BTU/LB <input type="checkbox"/> BTU/GAL | |
| 21. SULFUR CONTENT: %BY WT | | 22. ASH CONTENT: %BY WT | |
| 23. DIRECTION OF FIRING: <input type="checkbox"/> HORIZONTAL <input type="checkbox"/> TANGENTIAL <input type="checkbox"/> OTHER: SPECIFY _____ | | | |
| 24. AVERAGE FIRING RATE: BTU/HR | | 25. MAXIMUM FIRING RATE: BTU/HR | |

| SOLID FUEL FIRING | | | |
|--|-------------------------------------|--|--|
| 26. TYPE OF SOLID FUEL: <input type="checkbox"/> SUB-BITUMINOUS COAL <input type="checkbox"/> BITUMINOUS COAL <input type="checkbox"/> ANTHRACITE COAL <input type="checkbox"/> OTHER: SPECIFY _____ | | | |
| 27. ANNUAL CONSUMPTION: TONS | | 28. HEAT CONTENT AS FIRED: BTU/LB | |
| 29. MOISTURE CONTENT AS FIRED: %BY WT | 30. ASH CONTENT AS FIRED: %BY WT | 31. SULFUR CONTENT AS FIRED: %BY WT | |
| 32. TYPE OF FIRING: <input type="checkbox"/> CYCLONE <input type="checkbox"/> PULVERIZED { <input type="checkbox"/> WET BOTTOM OR <input type="checkbox"/> DRY BOTTOM, <input type="checkbox"/> HORIZONTALLY OPPOSED OR <input type="checkbox"/> OTHER: SPECIFY _____ <input type="checkbox"/> SPREADER STOKER: % REINJECTION _____ <input type="checkbox"/> OTHER: SPECIFY _____ | | | |
| 33. AVERAGE FIRING RATE: BTU/HR | | 34. MAXIMUM FIRING RATE: BTU/HR | |

SUBMIT COPIES OF THOSE PORTIONS OF COAL OR OTHER SOLID FUEL CONTRACTS WHICH SET FORTH THE SPECIFICATIONS OF THE FUEL AND THE DURATION OF THE CONTRACT. IF THE ACTUAL FUEL FIRED IS A BLEND OF SOLID FUELS, SUBMIT APPROPRIATE PORTIONS OF ALL FUEL CONTRACTS AND SET FORTH THE MANNER IN WHICH THE FUELS ARE BLENDED AND ACTUALLY FIRED. REFERENCE THIS INFORMATION TO THIS FORM.

*EMISSION INFORMATION

35. NUMBER OF IDENTICAL SOURCES (DESCRIBE AS REQUIRED):

AVERAGE OPERATION

| CONTAMINANT | CONCENTRATION OR EMISSION RATE PER IDENTICAL SOURCE | | METHOD USED TO DETERMINE CONCENTRATION OR EMISSION RATE | | |
|--------------------|---|-----------|---|---|----|
| PARTICULATE MATTER | 36a. | GR/SCF | b. | <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR | c. |
| CARBON MONOXIDE | 37a. | PPM (VOL) | b. | <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR | c. |
| NITROGEN OXIDES | 38a. | PPM (VOL) | b. | <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR | c. |
| ORGANIC MATERIAL | 39a. | PPM (VOL) | b. | <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR | c. |
| SULFUR DIOXIDE | 40a. | PPM (VOL) | b. | <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR | c. |

MAXIMUM OPERATION

| CONTAMINANT | CONCENTRATION OR EMISSION RATE PER IDENTICAL SOURCE | | METHOD USED TO DETERMINE CONCENTRATION OR EMISSION RATE | | |
|--------------------|---|-----------|---|---|----|
| PARTICULATE MATTER | 41a. | GR/SCF | b. | <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR | c. |
| CARBON MONOXIDE | 42a. | PPM (VOL) | b. | <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR | c. |
| NITROGEN OXIDES | 43a. | PPM (VOL) | b. | <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR | c. |
| ORGANIC MATERIAL | 44a. | PPM (VOL) | b. | <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR | c. |
| SULFUR DIOXIDE | 45a. | PPM (VOL) | b. | <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR | c. |

*IF EMISSIONS ARE EXHAUSTED THROUGH AIR POLLUTION CONTROL EQUIPMENT, OR IF NATURAL GAS IS THE FUEL FIRED, ITEMS 36 THROUGH 47 NEED NOT BE COMPLETED.

**EXHAUST POINT INFORMATION

46. FLOW DIAGRAM DESIGNATION(S) OF EXHAUST POINT:

47. DESCRIPTION OF EXHAUST POINT (LOCATION IN RELATION TO BUILDINGS, DIRECTION, HOODING, ETC.):

48. EXIT HEIGHT ABOVE GRADE:

18 Ft.

50. EXIT DIAMETER:

9 3/4" X 20 3/4"

49. GREATEST HEIGHT OF NEARBY BUILDINGS:

25 FT

51. EXIT DISTANCE FROM NEAREST PLANT BOUNDARY:

50 FT

AVERAGE OPERATION

MAXIMUM OPERATION

52. EXIT GAS TEMPERATURE:

1000 °F

54. EXIT GAS TEMPERATURE:

1000 °F

53. GAS FLOW RATE THROUGH EACH EXIT:

2486 ACFM

55. GAS FLOW RATE THROUGH EACH EXIT:

2486 ACFM

**IF EMISSIONS ARE EXHAUSTED THROUGH AIR POLLUTION CONTROL EQUIPMENT THIS SECTION SHOULD NOT BE COMPLETED.

CERTIFICATION

The undersigned, as Secretary of Emulsicoat, Inc., an Indiana corporation, certifies that the present officers of the corporation as reflected by the minutes of the corporation are as follows:

| | |
|-------------------------|------------------------|
| Fred M. Fehsenfeld, Jr. | President |
| Roderick E. Beyers | Vice President |
| Jacob A. Ruxer | Vice President Finance |
| Lewis L. Davis | Secretary/Treasurer |


The undersigned further certifies that Lewis L. Davis is authorized to sign bids, construction contracts and execute permit applications on behalf of the corporation.

CERTIFIED, This 11th day of September, 1990.

EMULSICOAT, INC.


Fred M. Fehsenfeld, Jr.,
President

ATTEST:


Lewis L. Davis, Secretary

**STATE OF ILLINOIS
ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF AIR POLLUTION CONTROL
2200 CHURCHILL ROAD
SPRINGFIELD, ILLINOIS 62794-9276**

| | |
|--|--|
| <p align="center">APPLICATION FOR PERMIT^{1a}</p> <p><input checked="" type="checkbox"/> CONSTRUCT <input type="checkbox"/> OPERATE</p> <p>NAME OF EQUIPMENT TO BE CONSTRUCTED OR OPERATED <u>Hy-Way Hot Oil Heater</u> (B)</p> | <p align="center">FOR AGENCY USE ONLY</p> <p>I.D. NO. <u>019-10.5-ACV</u></p> <p>PERMIT NO. _____</p> <p>DATE <u>9-18-90</u></p> |
|--|--|


| | | | |
|--|-------------------------------|--|-------------------------------|
| 1a. NAME OF OWNER: <u>Asphalt Materials, Inc.</u> | | 2a. NAME OF OPERATOR: <u>Emulsicoat, Inc.</u> | |
| 1b. STREET ADDRESS OF OWNER: <u>5400 W. 86th Street</u> | | 2b. STREET ADDRESS OF OPERATOR: <u>705 E. University Avenue</u> | |
| 1c. CITY OF OWNER: <u>Indianapolis</u> | | 2c. CITY OF OPERATOR: <u>Urbana</u> | |
| 1d. STATE OF OWNER: <u>Indiana</u> | 1e. ZIP CODE: <u>46268</u> | 2d. STATE OF OPERATOR: <u>Illinois</u> | 2e. ZIP CODE: <u>61801</u> |

| | | | | |
|---|--|---|---------------------------------|-------------------------------|
| 3a. NAME OF CORPORATE DIVISION OR PLANT: <u>Emulsicoat, Inc.</u> | | 3b. STREET ADDRESS OF EMISSION SOURCE: <u>705 E. University Ave.</u> | | |
| 3c. CITY OF EMISSION SOURCE: <u>Urbana</u> | 3d. LOCATED WITHIN CITY LIMITS: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | 3e. TOWNSHIP: <u>Cunningham</u> | 3f. COUNTY: <u>Champaign</u> | 3g. ZIP CODE: <u>61801</u> |

| | |
|---|--|
| 4. ALL CORRESPONDENCE TO: (TITLE AND/OR NAME OF INDIVIDUAL) <u>Douglas A. Lozier, Corp. Safety Dir.</u> | 5. TELEPHONE NUMBER FOR AGENCY TO CALL: <u>317-875-3902</u> |
| 6. ADDRESS FOR CORRESPONDENCE: (CHECK ONLY ONE) <input checked="" type="checkbox"/> OWNER <input type="checkbox"/> OPERATOR <input type="checkbox"/> EMISSION SOURCE | 7. YOUR DESIGNATION FOR THIS APPLICATION: <u>BOILER #3</u> |

8. THE UNDERSIGNED HEREBY MAKES APPLICATION FOR A PERMIT AND CERTIFIES THAT THE STATEMENTS CONTAINED HEREIN ARE TRUE AND CORRECT, AND FURTHER CERTIFIES THAT ALL PREVIOUSLY SUBMITTED INFORMATION REFERENCED IN THIS APPLICATION REMAINS TRUE, CORRECT AND CURRENT. BY AFFIXING HIS SIGNATURE HERETO HE FURTHER CERTIFIES THAT HE IS AUTHORIZED TO EXECUTE THIS APPLICATION.

AUTHORIZED SIGNATURE(S):

BY  9/11/90
SIGNATURE _____ DATE _____
Lewis L. Davis
TYPED OR PRINTED NAME OF SIGNER _____
Secretary/Treasurer
TITLE OF SIGNER _____

BY SEP 18 1990 _____
SIGNATURE _____ DATE _____
EPA-WARL-SPFLD
TYPED OR PRINTED NAME OF SIGNER _____
TITLE OF SIGNER _____

RECEIVED

- (A) THIS FORM IS TO PROVIDE THE AGENCY WITH GENERAL INFORMATION ABOUT THE EQUIPMENT TO BE CONSTRUCTED OR OPERATED. THIS FORM MAY BE USED TO REQUEST A CONSTRUCTION PERMIT, AN OPERATING PERMIT, A CONSTRUCTION OR OPERATING PERMIT.
- (B) ENTER THE GENERIC NAME OF THE EQUIPMENT TO BE CONSTRUCTED OR OPERATED. THIS NAME WILL APPEAR ON THE PERMIT WHICH MAY BE ISSUED PURSUANT TO THIS APPLICATION. THIS FORM MUST BE ACCOMPANIED BY OTHER APPLICABLE FORMS AND INFORMATION.
- (C) PROVIDE A DESIGNATION IN ITEM 7 ABOVE WHICH YOU WOULD LIKE THE AGENCY TO USE FOR IDENTIFICATION OF YOUR EQUIPMENT. YOUR DESIGNATION WILL BE REFERENCED IN CORRESPONDENCE FROM THIS AGENCY RELATIVE TO THIS APPLICATION. YOUR DESIGNATION MUST NOT EXCEED TEN (10) CHARACTERS.
- (D) THIS APPLICATION MUST BE SIGNED IN ACCORDANCE WITH 35 ILL. ADM. CODE 201.154 OR 201.159 WHICH STATES: "ALL APPLICATIONS AND SUPPLEMENTS THERETO SHALL BE SIGNED BY THE OWNER AND OPERATOR OF THE EMISSION SOURCE OR AIR POLLUTION CONTROL EQUIPMENT, OR THEIR AUTHORIZED AGENT, AND SHALL BE ACCOMPANIED BY EVIDENCE OF AUTHORITY TO SIGN THE APPLICATION."

IF THE OWNER OR OPERATOR IS A CORPORATION, SUCH CORPORATION MUST HAVE ON FILE WITH THE AGENCY A CERTIFIED COPY OF A RESOLUTION OF THE CORPORATION'S BOARD OF DIRECTORS AUTHORIZING THE PERSONS SIGNING THIS APPLICATION TO CAUSE OR ALLOW THE CONSTRUCTION OR OPERATION OF THE EQUIPMENT TO BE COVERED BY THE PERMIT.

DOES THIS APPLICATION CONTAIN A PLOT PLAN/MAP:

See plot plan with Operating Permit Application

YES NO

IF A PLOT PLAN/MAP HAS PREVIOUSLY BEEN SUBMITTED, SPECIFY:

AGENCY I.D. NUMBER _____ APPLICATION NUMBER _____

IS THE APPROXIMATE SIZE OF APPLICANT'S PREMISES LESS THAN 1 ACRE?

YES NO: SPECIFY 6.9 ACRES

10. DOES THIS APPLICATION CONTAIN A PROCESS FLOW DIAGRAM(S) THAT ACCURATELY AND CLEARLY REPRESENTS CURRENT PRACTICE.

YES NO

See Process Flow Diagram submitted with Permit to Operate Application

11a. WAS ANY EQUIPMENT, COVERED THIS APPLICATION, OWNED OR CONTRACTED FOR, BY THE APPLICANT PRIOR TO APRIL 14, 1972:

YES NO

IF "YES" ATTACH AN ADDITIONAL SHEET, EXHIBIT A, THAT:
 (a) LISTS OR DESCRIBES THE EQUIPMENT
 (b) STATES WHETHER THE EQUIPMENT WAS IN COMPLIANCE WITH THE RULES AND REGULATIONS GOVERNING THE CONTROL OF AIR POLLUTION PRIOR TO APRIL 4, 1972

11b. HAS ANY EQUIPMENT, COVERED BY THIS APPLICATION, NOT PREVIOUSLY RECEIVED AN OPERATING PERMIT:

YES NO

IF "YES", ATTACH AN ADDITIONAL SHEET, EXHIBIT B, THAT:
 (a) LISTS OR DESCRIBES THE EQUIPMENT
 (b) STATES WHETHER THE EQUIPMENT
 (i) IS ORIGINAL OR ADDITIONAL EQUIPMENT
 (ii) REPLACES EXISTING EQUIPMENT, OR
 (iii) MODIFIES EXISTING EQUIPMENT
 (c) PROVIDES THE ANTICIPATED OR ACTUAL DATES OF THE COMMENCEMENT OF CONSTRUCTION AND THE START-UP OF THE EQUIPMENT

12. IF THIS APPLICATION INCORPORATES BY REFERENCE A PREVIOUSLY GRANTED PERMIT(S), HAS FORM APC-210, "DATA AND INFORMATION—INCORPORATION BY REFERENCE" BEEN COMPLETED.

13. DOES THE STARTUP OF AN EMISSION SOURCE COVERED BY THIS APPLICATION PRODUCE AIR CONTAMINANT EMISSION IN EXCESS OF APPLICABLE STANDARDS:

YES NO

IF "YES," HAS FORM APC-203, "OPERATION DURING STARTUP" BEEN COMPLETED FOR THIS SOURCE.

YES NO

14. DOES THIS APPLICATION REQUEST PERMISSION TO OPERATE AN EMISSION SOURCE DURING MALFUNCTIONS OR BREAKDOWNS:

YES NO

IF "YES," HAS FORM APC-204, "OPERATION DURING MALFUNCTION AND BREAKDOWN" BEEN COMPLETED FOR THIS SOURCE

YES NO

15. IS AN EMISSION SOURCE COVERED BY THIS APPLICATION SUBJECT TO A FUTURE COMPLIANCE DATE:

YES NO

IF "YES," HAS FORM APC-202, "COMPLIANCE PROGRAM & PROJECT COMPLETION SCHEDULE," BEEN COMPLETED FOR THIS SOURCE:

YES NO

16. DOES THE FACILITY COVERED BY THIS APPLICATION REQUIRE AN EPISODE ACTION PLAN (REFER TO GUIDELINES FOR EPISODE ACTION PLANS):

YES NO

APPLICATION FOR OPERATING PERMIT ONLY

17. LIST AND IDENTIFY ALL FORMS, EXHIBITS, AND OTHER INFORMATION SUBMITTED AS PART OF THIS APPLICATION. INCLUDE THE PAGE NUMBERS OF EACH ITEM (ATTACH ADDITIONAL SHEETS IF NECESSARY):

Exhibit B (pg.3)
 Data and information—Fuel Combustion Emission Source, APC-240 (pgs 4-6)
 Evidence of Authority to sign application (pg.7)

TOTAL NUMBER OF PAGES 7

9. DOES THIS APPLICATION CONTAIN A PLOT PLAN/MAP:

YES NO

IF A PLOT PLAN/MAP HAS PREVIOUSLY BEEN SUBMITTED, SPECIFY:

AGENCY I.D. NUMBER _____ APPLICATION NUMBER _____

IS THE APPROXIMATE SIZE OF APPLICANT'S PREMISES LESS THAN 1 ACRE?

YES NO: SPECIFY 6.9 ACRES

10. DOES THIS APPLICATION CONTAIN A PROCESS FLOW DIAGRAM(S) THAT ACCURATELY AND CLEARLY REPRESENTS CURRENT PRACTICE.

YES NO

11a. WAS ANY EQUIPMENT, COVERED THIS APPLICATION, OWNED OR CONTRACTED FOR, BY THE APPLICANT PRIOR TO APRIL 14, 1972:

YES NO

IF "YES" ATTACH AN ADDITIONAL SHEET, EXHIBIT A, THAT:

- (a) LISTS OR DESCRIBES THE EQUIPMENT
- (b) STATES WHETHER THE EQUIPMENT WAS IN COMPLIANCE WITH THE RULES AND REGULATIONS GOVERNING THE CONTROL OF AIR POLLUTION PRIOR TO APRIL 4, 1972

11b. HAS ANY EQUIPMENT, COVERED BY THIS APPLICATION, NOTPREVIOUSLY RECEIVED AN OPERATING PERMIT:

YES NO

IF "YES", ATTACH AN ADDITIONAL SHEET, EXHIBIT B, THAT:

- (a) LISTS OR DESCRIBES THE EQUIPMENT
- (b) STATES WHETHER THE EQUIPMENT
 - (i) IS ORIGINAL OR ADDITIONAL EQUIPMENT
 - (ii) REPLACES EXISTING EQUIPMENT, OR
 - (iii) MODIFIES EXISTING EQUIPMENT
- (c) PROVIDES THE ANTICIPATED OR ACTUAL DATES OF THE COMMENCEMENT OF CONSTRUCTION AND THE START-UP OF THE EQUIPMENT

12. IF THIS APPLICATION INCORPORATES BY REFERENCE A PREVIOUSLY GRANTED PERMIT(S), HAS FORM APC-210, "DATA AND INFORMATION—INCORPORATION BY REFERENCE" BEEN COMPLETED.

APPLICATION FOR OPERATING PERMIT ONLY

13. DOES THE STARTUP OF AN EMISSION SOURCE COVERED BY THIS APPLICATION PRODUCE AIR CONTAMINANT EMISSION IN EXCESS OF APPLICABLE STANDARDS:

YES NO

IF "YES," HAS FORM APC-203, "OPERATION DURING STARTUP" BEEN COMPLETED FOR THIS SOURCE.

YES NO

14. DOES THIS APPLICATION REQUEST PERMISSION TO OPREATE AN EMISSION SOURCE DURING MALFUNCTIONS OR BREAKDOWNS:

YES NO

IF "YES," HAS FORM APC-204, "OPERATION DURING MALFUNCTION AND BREAKDOWN" BEEN COMPLETED FOR THIS SOURCE

YES NO

15. IS AN EMISSION SOURCE COVERED BY THIS APPLICATION SUBJECT TO A FUTURE COMPLIANCE DATE:

YES NO

IF "YES," HAS FORM APC-202, "COMPLIANCE PROGRAM & PROJECT COMPLETION SCHEDULE," BEEN COMPLETED FOR THIS SOURCE:

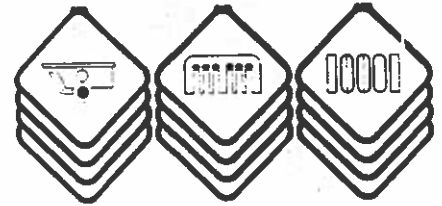
YES NO

16. DOES THE FACILITY COVERED BY THIS APPLICATION REQUIRE AN EPISODE ACTION PLAN (REFER TO GUIDELINES FOR EPISODE ACTION PLANS):

YES NO

17. LIST AND IDENTIFY ALL FORMS, EXHIBITS, AND OTHER INFORMATION SUBMITTED AS PART OF THIS APPLICATION. INCLUDE THE PAGE NUMBERS OF EACH ITEM (ATTACH ADDITIONAL SHEETS IF NECESSARY):

Exhibit B (pgs 3-6)
 Data and Information - Fuel Combustion Emission Source, APC-240(pgs 7-42)
 Process Emission Source Addendum, Tanks, APC-232(pgs 43-132).
 Process Emission Source (pgs 133-137) Plot Plan (pg.138)
 Process Flow Diagram (Pg. 139) Evidence of Authority TOTAL NUMBER OF PAGES 140
 to sign Application (Pg. 140)



Page 3 of 140

EXHIBIT B

(A) Equipment includes:

- (1) 1975 Superior Steam Boiler (designated as Boiler #1, emission source B-1), fired by natural gas, used in the production of steam to heat internal heating coils of the asphalt storage tanks and processes. This equipment will be installed and brought on line pending the accompanying Application for Permit-To-Install.
- (2) Sellers SFGO-210 Hot Oil Heater (designated as Boiler #2, emission source B-2), fired by natural gas, used to produce hot oil that is circulated through the internal heating coils of the asphalt storage tanks. It is anticipated that this equipment will be discontinued and dismantled upon the installation of the Gencor MR60-600 Hot Oil Heater described below.
- (3) Hy-Way Heat Systems Hot Oil Heater (designated as Boiler #3, emission source B-3), fired by natural gas, used to produce hot oil that is circulated through internal heating coils of the asphalt storage tanks. It is anticipated that this equipment will be installed and brought on-line pending the accompanying Application for Permit-To-Install and after removal of the Sellers Hot Oil Heater (Boiler emission source B-2).

- (4) Weil McLain industrial hot water heater (designated as boiler #4, emission source B-4), fired by natural gas and used to produce hot water that is circulated through internal heating coils of the asphalt storage tanks.
- (5) Eight (8) Brown Type 302 direct fired asphalt storage tank heaters designated as emission source H-1...H-8 located on tanks 901, 902, 903, 904, and 907. These have burners fired by natural gas entering an 8" finned tube shaped in a "U" through the asphalt tank and exit the tank next to the burner. Gases exit the heater tube and tank wall into a riser stack terminating 3 feet above the top of the storage tank.
- (6) Storage tanks 01 and 02 containing No. 2 Fuel Oil storage used in production of some asphalt emulsions.
- (7) Storage tanks 11, 13, 21, 22, 23, 24, 25, 26, 27, 28, 30 containing asphalt emulsions as finished product.
- (8) Storage tanks 15 and 17 containing medium-cure cutback asphalt emulsions as finished product.
- (9) Storage tanks 101, 102, 103, 104, 105, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910 containing asphalt cement as raw material and finished product.
- (10) Storage tank 401 containing hydrochloric acid used in the production of some types of asphalt emulsion.

- (11) Storage tank 306 containing #1 Fuel Oil used in the production of some asphalt emulsions.
- (12) Storage tanks 305 and 302 containing #6 Oil used in the production of some asphalt emulsions.
- (13) Storage tank 304 containing a cationic emulsifier (surfactant agent) used in the production of some asphalt emulsions.
- (14) Storage tank 303 containing liquid sodium hydroxide (Caustic Soda) used in the production of some asphalt emulsions.
- (15) Storage Tank 301 containing Tall Oil used in the production of some asphalt emulsions.
- (16) Storage Tanks 201, 202, 203, 204, 205 for the storage of slow-cure cutback asphalt emulsions as finished product.
- (17) Production and mill area containing emulsion mill, 5 batch mixing tanks, and associated piping. (designated as M-1, M-2, M-3, M-4, and M-5)
- (18) Load-out rack stations (designated as emission sources LO-1, LO-2, LO-3, LO-4, LO-5, LO-6, LO-7, LO-8, LO-9) for loading tanker transports with asphalt emulsions through the open top manway of the tanker.

(19) Pumping stations for unloading truck tanker-trailer transports and rail tank cars. While these operations are contained in hoses and piping, the dome lids are open during unloading due to heating of the rail tank cars, etc to increase the fluidity and facilitate unloading. These stations are designated as P-1, P-2, P-3, P-3, P-4, and P-5.

(B) All equipment listed above is original or otherwise existing equipment as of this date with the exception of:

Item #1 Steam Boiler which will be new equipment.

Item #3 Hot Oil Heater which will replace Item #2.

(C) All equipment listed above is currently in place and in operation with the exception of Item #1 and #3 which have applications for Permit-To-Construct enclosed.



STATE OF ILLINOIS
 ENVIRONMENTAL PROTECTION AGENCY
 DIVISION OF AIR POLLUTION CONTROL
 2200 CHURCHILL ROAD
 SPRINGFIELD, ILLINOIS 62706

This agency is authorized to require this information under Illinois Revised Statutes, 1973, Chapter III 1/2, Section 1039. Disclosure of this information is required under that section. Failure to do so may prevent this form from being processed and could result in your application being denied. This form has been approved by the Forms Management Center.

*DATA AND INFORMATION
 FUEL COMBUSTION EMISSION SOURCE

*THIS INFORMATION FORM IS TO BE COMPLETED FOR A FURNACE, BOILER, OR SIMILAR EQUIPMENT USED FOR THE PRIMARY PURPOSE OF PRODUCING HEAT OR POWER BY INDIRECT HEAT TRANSFER. AN EMISSION SOURCE THAT DOES NOT FIT THIS DESCRIPTION, INCLUDING AN EMISSION SOURCE USING DIRECT HEATING, IS EITHER A PROCESS EMISSION SOURCE OR AN INCINERATOR.

| | |
|---|--|
| 1. NAME OF OWNER: Asphalt Materials, Inc. | 2. NAME OF CORPORATE DIVISION OR PLANT (IF DIFFERENT FROM OWNER): Emulsicoat, Inc. |
| 3. STREET ADDRESS OF EMISSION SOURCE: 705 East University Ave. | 4. CITY OF EMISSION SOURCE: Urbana |

GENERAL INFORMATION

| | |
|---|--|
| 5. FLOW DIAGRAM DESIGNATION(S) OF EMISSION SOURCE: B-1 | |
| 6. MANUFACTURER: Superior | 7. MODEL NUMBER: 4-5-3004 |
| | 8. SERIAL NUMBER: 7304 |
| 9. AVERAGE OPERATING TIME OF EMISSION SOURCE: 24 HRS/DAY 7 DAYS/WK 40 WKS/YR | 10. MAXIMUM OPERATING TIME OF EMISSION SOURCE: 24 HRS/DAY 7 DAYS/WK 45 WKS/YR |
| 11. PERCENT OF ANNUAL HEAT INPUT: DEC-FEB 1 % MAR-MAY 33 % JUN-AUG 33 % SEP-NOV 33 % | |

INSTRUCTIONS

- COMPLETE THE ABOVE IDENTIFICATION AND GENERAL INFORMATION SECTION.
- COMPLETE THE APPROPRIATE FUEL SECTION OR SECTIONS. IF MORE THAN ONE FUEL IS FIRED OR IF THE CAPABILITY EXISTS TO FIRE MORE THAN ONE FUEL, THE ACTUAL USAGE OF FUELS AND THE RELATIONSHIP BETWEEN FUELS, SIMULTANEOUS FIRING, ALTERNATE FIRING, RESERVE FUEL, ETC., MUST BE MADE CLEAR.
- EMISSION AND EXHAUST POINT INFORMATION MUST BE COMPLETED, UNLESS EMISSIONS ARE EXHAUSTED THROUGH AIR POLLUTION CONTROL EQUIPMENT.
- FIRING RATES AND CERTAIN OTHER ITEMS REQUIRE BOTH AVERAGE AND MAXIMUM VALUES.
- FOR GENERAL INFORMATION REFER TO "GENERAL INSTRUCTIONS FOR PERMIT APPLICATIONS," APC-201.

DEFINITIONS

AVERAGE - THE VALUE THAT SUMMARIZES OR REPRESENTS THE GENERAL CONDITION OF THE EMISSION SOURCE, OR THE GENERAL STATE OF HEAT PRODUCTION OF THE EMISSION SOURCE. SPECIFICALLY:
 AVERAGE OPERATING TIME - ACTUAL TOTAL HOURS OF OPERATION FOR THE PRECEDING TWELVE MONTH PERIOD.
 AVERAGE RATE - ACTUAL TOTAL QUANTITY OF "MATERIAL" FOR THE PRECEDING TWELVE MONTH PERIOD, DIVIDED BY THE AVERAGE OPERATING TIME.
 AVERAGE OPERATION - OPERATION TYPICAL OF THE PRECEDING TWELVE MONTH PERIOD, AS REPRESENTED BY AVERAGE OPERATING TIME AND AVERAGE RATES.

MAXIMUM - THE GREATEST VALUE ATTAINABLE OR ATTAINED FROM THE EMISSION SOURCE, OR THE PERIOD OF GREATEST OR UTMOST HEAT PRODUCTION OF THE EMISSION SOURCE. SPECIFICALLY:
 MAXIMUM OPERATING TIME - GREATEST EXPECTED TOTAL HOURS OF OPERATION FOR ANY TWELVE MONTH PERIOD.
 MAXIMUM RATE - GREATEST QUANTITY OF "MATERIAL" EXPECTED PER ANY ONE HOUR OF OPERATION.
 MAXIMUM OPERATION - GREATEST EXPECTED OPERATION, AS REPRESENTED BY MAXIMUM OPERATING TIME AND MAXIMUM RATES.

| *EMISSION INFORMATION | | | | |
|---|---|-----------|--|---|
| 35. NUMBER OF IDENTICAL SOURCES (DESCRIBE AS REQUIRED): 1 | | | | |
| AVERAGE OPERATION | | | | |
| CONTAMINANT | CONCENTRATION OR EMISSION RATE PER IDENTICAL SOURCE | | | METHOD USED TO DETERMINE CONCENTRATION OR EMISSION RATE |
| PARTICULATE MATTER | 36a. | GR/SCF | b. <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR | c. |
| CARBON MONOXIDE | 37a. | PPM (VOL) | b. <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR | c. |
| NITROGEN OXIDES | 38a. | PPM (VOL) | b. <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR | c. |
| ORGANIC MATERIAL | 39a. | PPM (VOL) | b. <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR | c. |
| SULFUR DIOXIDE | 40a. | PPM (VOL) | b. <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR | c. |
| MAXIMUM OPERATION | | | | |
| CONTAMINANT | CONCENTRATION OR EMISSION RATE PER IDENTICAL SOURCE | | | METHOD USED TO DETERMINE CONCENTRATION OR EMISSION RATE |
| PARTICULATE MATTER | 41a. | GR/SCF | b. <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR | .. |
| CARBON MONOXIDE | 42a. | PPM (VOL) | b. <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR | c. |
| NITROGEN OXIDES | 43a. | PPM (VOL) | b. <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR | c. |
| ORGANIC MATERIAL | 44a. | PPM (VOL) | b. <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR | c. |
| SULFUR DIOXIDE | 45a. | PPM (VOL) | b. <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR | c. |

*IF EMISSIONS ARE EXHAUSTED THROUGH AIR POLLUTION CONTROL EQUIPMENT, OR IF NATURAL GAS IS THE FUEL FIRED, ITEMS 36 THROUGH 47 NEED NOT BE COMPLETED.

| **EXHAUST POINT INFORMATION | |
|---|---|
| 46. FLOW DIAGRAM DESIGNATION(S) OF EXHAUST POINT: | |
| 47. DESCRIPTION OF EXHAUST POINT (LOCATION IN RELATION TO BUILDINGS, DIRECTION, HOODING, ETC.): | |
| 48. EXIT HEIGHT ABOVE GRADE: 21 Ft. | 50. EXIT DIAMETER: 25.25 Inches |
| 49. GREATEST HEIGHT OF NEARBY BUILDINGS: 25 FT | 51. EXIT DISTANCE FROM NEAREST PLANT BOUNDARY: 50 F |
| AVERAGE OPERATION | MAXIMUM OPERATION |
| 52. EXIT GAS TEMPERATURE: Unknown °F | 54. EXIT GAS TEMPERATURE: Unknown |
| 53. GAS FLOW RATE THROUGH EACH EXIT: Unknown ACFM | 55. GAS FLOW RATE THROUGH EACH EXIT: Unknown ACFM |

**IF EMISSIONS ARE EXHAUSTED THROUGH AIR POLLUTION CONTROL EQUIPMENT THIS SECTION SHOULD NOT BE COMPLETED.



STATE OF ILLINOIS
 ENVIRONMENTAL PROTECTION AGENCY
 DIVISION OF AIR POLLUTION CONTROL
 2200 CHURCHILL ROAD
 SPRINGFIELD, ILLINOIS 62706

This agency is authorized to require this information under Illinois Revised Statutes, 1979, Chapter III, Section 1039. Disclosure of this information is required under that section. Failure to do so may prevent this form from being processed and could result in your application being denied. This form has been approved by the Forms Management Center.

| | |
|--|-----------------|
| *DATA AND INFORMATION FUEL COMBUSTION EMISSION SOURCE | Going to Marion |
|--|-----------------|

*THIS INFORMATION FORM IS TO BE COMPLETED FOR A FURNACE, BOILER, OR SIMILAR EQUIPMENT USED FOR THE PRIMARY PURPOSE OF PRODUCING HEAT OR POWER BY INDIRECT HEAT TRANSFER. AN EMISSION SOURCE THAT DOES NOT FIT THIS DESCRIPTION, INCLUDING AN EMISSION SOURCE USING DIRECT HEATING, IS EITHER A PROCESS EMISSION SOURCE OR AN INCINERATOR.

| | |
|--|--|
| 1. NAME OF OWNER: Asphalt Materials, Inc. | 2. NAME OF CORPORATE DIVISION OR PLANT (IF DIFFERENT FROM OWNER): Emulsicoat, Inc. |
| 3. STREET ADDRESS OF EMISSION SOURCE: 705 East University Ave. | 4. CITY OF EMISSION SOURCE: Urbana |

| GENERAL INFORMATION | | |
|---|---------------------------|--|
| 5. FLOW DIAGRAM DESIGNATION(S) OF EMISSION SOURCE: | | B-2 |
| 6. MANUFACTURER: Sellers | 7. MODEL NUMBER: SFGO-210 | 8. SERIAL NUMBER: H50455 |
| 9. AVERAGE OPERATING TIME OF EMISSION SOURCE: 24 HRS/DAY 7 DAYS/WK 40 WKS/YR | | 10. MAXIMUM OPERATING TIME OF EMISSION SOURCE: 24 HRS/DAY 7 DAYS/WK 45 WKS/YR |
| 11. PERCENT OF ANNUAL HEAT INPUT: DEC-FEB 1 % MAR-MAY 33 % JUN-AUG 33 % SEP-NOV 33 % | | |

INSTRUCTIONS

1. COMPLETE THE ABOVE IDENTIFICATION AND GENERAL INFORMATION SECTION.
2. COMPLETE THE APPROPRIATE FUEL SECTION OR SECTIONS. IF MORE THAN ONE FUEL IS FIRED OR IF THE CAPABILITY EXISTS TO FIRE MORE THAN ONE FUEL, THE ACTUAL USAGE OF FUELS AND THE RELATIONSHIP BETWEEN FUELS, SIMULTANEOUS FIRING, ALTERNATE FIRING, RESERVE FUEL, ETC., MUST BE MADE CLEAR.
3. EMISSION AND EXHAUST POINT INFORMATION MUST BE COMPLETED, UNLESS EMISSIONS ARE EXHAUSTED THROUGH AIR POLLUTION CONTROL EQUIPMENT.
4. FIRING RATES AND CERTAIN OTHER ITEMS REQUIRE BOTH AVERAGE AND MAXIMUM VALUES.
5. FOR GENERAL INFORMATION REFER TO "GENERAL INSTRUCTIONS FOR PERMIT APPLICATIONS," APC-201.

DEFINITIONS

AVERAGE - THE VALUE THAT SUMMARIZES OR REPRESENTS THE GENERAL CONDITION OF THE EMISSION SOURCE, OR THE GENERAL STATE OF HEAT PRODUCTION OF THE EMISSION SOURCE. SPECIFICALLY:
 AVERAGE OPERATING TIME - ACTUAL TOTAL HOURS OF OPERATION FOR THE PRECEDING TWELVE MONTH PERIOD.
 AVERAGE RATE - ACTUAL TOTAL QUANTITY OF "MATERIAL" FOR THE PRECEDING TWELVE MONTH PERIOD, DIVIDED BY THE AVERAGE OPERATING TIME.
 AVERAGE OPERATION - OPERATION TYPICAL OF THE PRECEDING TWELVE MONTH PERIOD, AS REPRESENTED BY AVERAGE OPERATING TIME AND AVERAGE RATES.

MAXIMUM - THE GREATEST VALUE ATTAINABLE OR ATTAINED FROM THE EMISSION SOURCE, OR THE PERIOD OF GREATEST OR UTMOST HEAT PRODUCTION OF THE EMISSION SOURCE. SPECIFICALLY:
 MAXIMUM OPERATING TIME - GREATEST EXPECTED TOTAL HOURS OF OPERATION FOR ANY TWELVE MONTH PERIOD.
 MAXIMUM RATE - GREATEST QUANTITY OF "MATERIAL" EXPECTED PER ANY ONE HOUR OF OPERATION.
 MAXIMUM OPERATION - GREATEST EXPECTED OPERATION, AS REPRESENTED BY MAXIMUM OPERATING TIME AND MAXIMUM RATES.

GAS FIRING

| | | | | | | | |
|---|--|-------------------------|--|---|---|--|--|
| *11. ORIGIN OF GAS: <input checked="" type="checkbox"/> PIPELINE | | | | <input type="checkbox"/> DISTILLATE FUEL OIL GASIFICATION | <input type="checkbox"/> OTHER LIQUID FUEL GASIFICATION | <input type="checkbox"/> SOLID FUEL GASIFICATION | <input type="checkbox"/> BYPRODUCT: SPECIFY SOURCE |
| 12. ARE YOU ON AN INTERRUPTABLE GAS SUPPLY: IF "YES", SPECIFY ALTERNATE FUEL: | | | | <input type="checkbox"/> YES | | <input checked="" type="checkbox"/> NO | |
| 13. ANNUAL CONSUMPTION: 14,112,000 | | 14. HEAT CONTENT: _____ | | 15. SULFUR CONTENT: _____ | | | |
| | | BTU/SCF | | | | | |
| 16. AVERAGE FIRING RATE: 1.8 Million | | BTU/HR | | 17. MAXIMUM FIRING RATE: 2.1 Million | | BTU/HR | |

*IF THE GAS FIRED IS NATURAL GAS, THESE ITEMS NEED NOT BE COMPLETED.

OIL FIRING

| | | | | | | | |
|---|--|--|--------------------------------|---|--|----------------------------------|--|
| 18. TYPE OF OIL: GRADE NUMBER: <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 | | | | OTHER: SPECIFY _____ | | | |
| 19. ANNUAL CONSUMPTION: _____ | | | 20. HEAT CONTENT: _____ | | | <input type="checkbox"/> BTU/LB | |
| | | | GALLONS | | | <input type="checkbox"/> BTU/GAL | |
| 21. SULFUR CONTENT: _____ | | | 22. ASH CONTENT: _____ | | | %BY WT | |
| | | | %BY WT | | | | |
| 23. DIRECTION OF FIRING: <input type="checkbox"/> HORIZONTAL <input type="checkbox"/> TANGENTIAL | | | | <input type="checkbox"/> OTHER: SPECIFY _____ | | | |
| 24. AVERAGE FIRING RATE: _____ | | | 25. MAXIMUM FIRING RATE: _____ | | | BTU/HR | |
| | | | BTU/HR | | | | |

SOLID FUEL FIRING

| | | | | | | | |
|--|--|---------------------------------|----------------------------------|---|--|--------|--|
| 26. TYPE OF SOLID FUEL: <input type="checkbox"/> SUB-BITUMINOUS COAL <input type="checkbox"/> BITUMINOUS COAL <input type="checkbox"/> ANTHRACITE COAL | | | | <input type="checkbox"/> OTHER: SPECIFY _____ | | | |
| 27. ANNUAL CONSUMPTION: _____ | | | 28. HEAT CONTENT AS FIRED: _____ | | | BTU/LB | |
| | | | TONS | | | | |
| 29. MOISTURE CONTENT AS FIRED: _____ | | 30. ASH CONTENT AS FIRED: _____ | | 31. SULFUR CONTENT AS FIRED: _____ | | %BY WT | |
| | | %BY WT | | %BY WT | | | |
| 32. TYPE OF FIRING: <input type="checkbox"/> CYCLONE <input type="checkbox"/> PULVERIZED | | | | <input type="checkbox"/> WET BOTTOM OR <input type="checkbox"/> DRY BOTTOM, <input type="checkbox"/> HORIZONTALLY OPPOSED OR <input type="checkbox"/> OTHER: SPECIFY _____ | | | |
| <input type="checkbox"/> SPREADER STOKER: % REINJECTION _____ | | | | <input type="checkbox"/> OTHER: SPECIFY _____ | | | |
| 33. AVERAGE FIRING RATE: _____ | | | 34. MAXIMUM FIRING RATE: _____ | | | BTU/HR | |
| | | | BTU/HR | | | | |

SUBMIT COPIES OF THOSE PORTIONS OF COAL OR OTHER SOLID FUEL CONTRACTS WHICH SET FORTH THE SPECIFICATIONS OF THE FUEL AND THE DURATION OF THE CONTRACT. IF THE ACTUAL FUEL FIRED IS A BLEND OF SOLID FUELS, SUBMIT APPROPRIATE PORTIONS OF ALL FUEL CONTRACTS AND SET FORTH THE MANNER IN WHICH THE FUELS ARE BLENDED AND ACTUALLY FIRED. REFERENCE THIS INFORMATION TO THIS FORM.

| *EMISSION INFORMATION | | | | | |
|--|---|-----------|----|---|----|
| 35. NUMBER OF IDENTICAL SOURCES (DESCRIBE AS REQUIRED): 1 | | | | | |
| AVERAGE OPERATION | | | | | |
| CONTAMINANT | CONCENTRATION OR EMISSION RATE PER IDENTICAL SOURCE | | | METHOD USED TO DETERMINE CONCENTRATION OR EMISSION RATE | |
| PARTICULATE MATTER | 36a. | GR/SCF | b. | <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR | c. |
| CARBON MONOXIDE | 37a. | PPM (VOL) | b. | <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR | c. |
| NITROGEN OXIDES | 38a. | PPM (VOL) | b. | <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR | c. |
| ORGANIC MATERIAL | 39a. | PPM (VOL) | b. | <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR | c. |
| SULFUR DIOXIDE | 40a. | PPM (VOL) | b. | <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR | c. |
| MAXIMUM OPERATION | | | | | |
| CONTAMINANT | CONCENTRATION OR EMISSION RATE PER IDENTICAL SOURCE | | | METHOD USED TO DETERMINE CONCENTRATION OR EMISSION RATE | |
| PARTICULATE MATTER | 41a. | GR/SCF | b. | <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR | d. |
| CARBON MONOXIDE | 42a. | PPM (VOL) | b. | <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR | e. |
| NITROGEN OXIDES | 43a. | PPM (VOL) | b. | <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR | e. |
| ORGANIC MATERIAL | 44a. | PPM (VOL) | b. | <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR | e. |
| SULFUR DIOXIDE | 45a. | PPM (VOL) | b. | <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR | e. |

*IF EMISSIONS ARE EXHAUSTED THROUGH AIR POLLUTION CONTROL EQUIPMENT, OR IF NATURAL GAS IS THE FUEL FIRED, ITEMS 36 THROUGH 47 NEED NOT BE COMPLETED.

| **EXHAUST POINT INFORMATION | | | |
|---|--------------|--|--------------|
| 46. FLOW DIAGRAM DESIGNATION(S) OF EXHAUST POINT: | | | |
| 47. DESCRIPTION OF EXHAUST POINT (LOCATION IN RELATION TO BUILDINGS, DIRECTION, HOODING, ETC.): | | | |
| 48. EXIT HEIGHT ABOVE GRADE: | 6 Ft. | 50. EXIT DIAMETER: | 8" X 15" |
| 49. GREATEST HEIGHT OF NEARBY BUILDINGS: | 25 FT | 51. EXIT DISTANCE FROM NEAREST PLANT BOUNDARY: | 50 F |
| AVERAGE OPERATION | | MAXIMUM OPERATION | |
| 52. EXIT GAS TEMPERATURE: | Unknown °F | 54. EXIT GAS TEMPERATURE: | Unknown °C |
| 53. GAS FLOW RATE THROUGH EACH EXIT: | Unknown ACFM | 55. GAS FLOW RATE THROUGH EACH EXIT: | Unknown ACFM |

**IF EMISSIONS ARE EXHAUSTED THROUGH AIR POLLUTION CONTROL EQUIPMENT THIS SECTION SHOULD NOT BE COMPLETED.



STATE OF ILLINOIS
 ENVIRONMENTAL PROTECTION AGENCY
 DIVISION OF AIR POLLUTION CONTROL
 2200 CHURCHILL ROAD
 SPRINGFIELD, ILLINOIS 62706

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*DATA AND INFORMATION
 FUEL COMBUSTION EMISSION SOURCE

*THIS INFORMATION FORM IS TO BE COMPLETED FOR A FURNACE, BOILER, OR SIMILAR EQUIPMENT USED FOR THE PRIMARY PURPOSE OF PRODUCING HEAT OR POWER BY INDIRECT HEAT TRANSFER. AN EMISSION SOURCE THAT DOES NOT FIT THIS DESCRIPTION, INCLUDING AN EMISSION SOURCE USING DIRECT HEATING, IS EITHER A PROCESS EMISSION SOURCE OR AN INCINERATOR.

| | |
|--|--|
| 1. NAME OF OWNER: Asphalt Materials, Inc. | 2. NAME OF CORPORATE DIVISION OR PLANT (IF DIFFERENT FROM OWNER): Emulsicoat, Inc. |
| 3. STREET ADDRESS OF EMISSION SOURCE: 705 East University Ave. | 4. CITY OF EMISSION SOURCE: Urbana |

GENERAL INFORMATION

| | | |
|--|---|------------------------|
| 5. FLOW DIAGRAM DESIGNATION(S) OF EMISSION SOURCE: B-3 | | |
| 6. MANUFACTURER: Hy-Way Heat Systems, Inc. | 7. MODEL NUMBER: 68HSF GH | 8. SERIAL NUMBER: 3709 |
| 9. AVERAGE OPERATING TIME OF EMISSION SOURCE: 24 HRS/DAY 7 DAYS/WK 40 WKS/YR | 10. MAXIMUM OPERATING TIME OF EMISSION SOURCE: 24 HRS/DAY 7 DAYS/WK 45 WKS/YR | |
| 11. PERCENT OF ANNUAL HEAT INPUT: DEC-FEB 1 % MAR-MAY 33 % JUN-AUG 33 % SEP-NOV 33 % | | |

INSTRUCTIONS

1. COMPLETE THE ABOVE IDENTIFICATION AND GENERAL INFORMATION SECTION.
2. COMPLETE THE APPROPRIATE FUEL SECTION OR SECTIONS. IF MORE THAN ONE FUEL IS FIRED OR IF THE CAPABILITY EXISTS TO FIRE MORE THAN ONE FUEL, THE ACTUAL USAGE OF FUELS AND THE RELATIONSHIP BETWEEN FUELS, SIMULTANEOUS FIRING, ALTERNATE FIRING, RESERVE FUEL, ETC., MUST BE MADE CLEAR.
3. EMISSION AND EXHAUST POINT INFORMATION MUST BE COMPLETED, UNLESS EMISSIONS ARE EXHAUSTED THROUGH AIR POLLUTION CONTROL EQUIPMENT.
4. FIRING RATES AND CERTAIN OTHER ITEMS REQUIRE BOTH AVERAGE AND MAXIMUM VALUES.
5. FOR GENERAL INFORMATION REFER TO "GENERAL INSTRUCTIONS FOR PERMIT APPLICATIONS," APC-201.

DEFINITIONS

AVERAGE - THE VALUE THAT SUMMARIZES OR REPRESENTS THE GENERAL CONDITION OF THE EMISSION SOURCE, OR THE GENERAL STATE OF HEAT PRODUCTION OF THE EMISSION SOURCE. SPECIFICALLY:
 AVERAGE OPERATING TIME - ACTUAL TOTAL HOURS OF OPERATION FOR THE PRECEDING TWELVE MONTH PERIOD.
 AVERAGE RATE - ACTUAL TOTAL QUANTITY OF "MATERIAL" FOR THE PRECEDING TWELVE MONTH PERIOD, DIVIDED BY THE AVERAGE OPERATING TIME.
 AVERAGE OPERATION - OPERATION TYPICAL OF THE PRECEDING TWELVE MONTH PERIOD, AS REPRESENTED BY AVERAGE OPERATING TIME AND AVERAGE RATES.

MAXIMUM - THE GREATEST VALUE ATTAINABLE OR ATTAINED FROM THE EMISSION SOURCE, OR THE PERIOD OF GREATEST OR UTMOST HEAT PRODUCTION OF THE EMISSION SOURCE. SPECIFICALLY:
 MAXIMUM OPERATING TIME - GREATEST EXPECTED TOTAL HOURS OF OPERATION FOR ANY TWELVE MONTH PERIOD.
 MAXIMUM RATE - GREATEST QUANTITY OF "MATERIAL" EXPECTED PER ANY ONE HOUR OF OPERATION.
 MAXIMUM OPERATION - GREATEST EXPECTED OPERATION, AS REPRESENTED BY MAXIMUM OPERATING TIME AND MAXIMUM RATES.

| GAS FIRING | | | |
|--|--|---|-------------------------------------|
| *11. ORIGIN OF GAS: <input checked="" type="checkbox"/> PIPELINE <input type="checkbox"/> DISTILLATE FUEL OIL GASIFICATION <input type="checkbox"/> OTHER LIQUID FUEL GASIFICATION <input type="checkbox"/> SOLID FUEL GASIFICATION <input type="checkbox"/> BYPRODUCT: SPECIFY SOURCE | | | |
| 12. ARE YOU ON AN INTERRUPTABLE GAS SUPPLY: <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO IF "YES", SPECIFY ALTERNATE FUEL: _____ | | | |
| 13. ANNUAL CONSUMPTION: 22,848,000 SCF | | * 14. HEAT CONTENT: _____ BTU/SCF | * 15. SULFUR CONTENT: _____ %BY WT. |
| 16. AVERAGE FIRING RATE: 3,400,000 BTU/HR | | 17. MAXIMUM FIRING RATE: 4,200,000 BTU/HR | |

*IF THE GAS FIRED IS NATURAL GAS, THESE ITEMS NEED NOT BE COMPLETED.

| OIL FIRING | | | |
|---|--|---|--|
| 18. TYPE OF OIL: GRADE NUMBER: <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 OTHER: SPECIFY _____ | | | |
| 19. ANNUAL CONSUMPTION: _____ GALLONS | | 20. HEAT CONTENT: _____ <input type="checkbox"/> BTU/LB <input type="checkbox"/> BTU/GAL | |
| 21. SULFUR CONTENT: _____ %BY WT | | 22. ASH CONTENT: _____ %BY WT | |
| 23. DIRECTION OF FIRING: <input type="checkbox"/> HORIZONTAL <input type="checkbox"/> TANGENTIAL <input type="checkbox"/> OTHER: SPECIFY _____ | | | |
| 24. AVERAGE FIRING RATE: _____ BTU/HR | | 25. MAXIMUM FIRING RATE: _____ BTU/HR | |

| SOLID FUEL FIRING | | | |
|--|--|---|--|
| 26. TYPE OF SOLID FUEL: <input type="checkbox"/> SUB-BITUMINOUS COAL <input type="checkbox"/> BITUMINOUS COAL <input type="checkbox"/> ANTHRACITE COAL <input type="checkbox"/> OTHER: SPECIFY _____ | | | |
| 27. ANNUAL CONSUMPTION: _____ TONS | | 28. HEAT CONTENT AS FIRED: _____ BTU/LB | |
| 29. MOISTURE CONTENT AS FIRED: _____ %BY WT | 30. ASH CONTENT AS FIRED: _____ %BY WT | 31. SULFUR CONTENT AS FIRED: _____ %BY WT | |
| 32. TYPE OF FIRING: <input type="checkbox"/> CYCLONE <input type="checkbox"/> PULVERIZED { <input type="checkbox"/> WET BOTTOM OR <input type="checkbox"/> DRY BOTTOM, <input type="checkbox"/> HORIZONTALLY OPPOSED OR <input type="checkbox"/> OTHER: SPECIFY _____ | | | |
| <input type="checkbox"/> SPREADER STOKER: % REINJECTION _____ | | <input type="checkbox"/> OTHER: SPECIFY _____ | |
| 33. AVERAGE FIRING RATE: _____ BTU/HR | | 34. MAXIMUM FIRING RATE: _____ BTU/HR | |

SUBMIT COPIES OF THOSE PORTIONS OF COAL OR OTHER SOLID FUEL CONTRACTS WHICH SET FORTH THE SPECIFICATIONS OF THE FUEL AND THE DURATION OF THE CONTRACT. IF THE ACTUAL FUEL FIRED IS A BLEND OF SOLID FUELS, SUBMIT APPROPRIATE PORTIONS OF ALL FUEL CONTRACTS AND SET FORTH THE MANNER IN WHICH THE FUELS ARE BLENDED AND ACTUALLY FIRED. REFERENCE THIS INFORMATION TO THIS FORM.

| *EMISSION INFORMATION | | | | |
|--|---|-----------|--|---|
| 35. NUMBER OF IDENTICAL SOURCES (DESCRIBE AS REQUIRED): 1 | | | | |
| AVERAGE OPERATION | | | | |
| CONTAMINANT | CONCENTRATION OR EMISSION RATE PER IDENTICAL SOURCE | | | METHOD USED TO DETERMINE CONCENTRATION OR EMISSION RATE |
| PARTICULATE MATTER | 36a. | GR/SCF | b. <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR | c. |
| CARBON MONOXIDE | 37a. | PPM (VOL) | b. <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR | c. |
| NITROGEN OXIDES | 38a. | PPM (VOL) | b. <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR | c. |
| ORGANIC MATERIAL | 39a. | PPM (VOL) | b. <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR | c. |
| SULFUR DIOXIDE | 40a. | PPM (VOL) | b. <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR | c. |
| MAXIMUM OPERATION | | | | |
| CONTAMINANT | CONCENTRATION OR EMISSION RATE PER IDENTICAL SOURCE | | | METHOD USED TO DETERMINE CONCENTRATION OR EMISSION RATE |
| PARTICULATE MATTER | 41a. | GR/SCF | b. <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR | c. |
| CARBON MONOXIDE | 42a. | PPM (VOL) | b. <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR | c. |
| NITROGEN OXIDES | 43a. | PPM (VOL) | b. <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR | c. |
| ORGANIC MATERIAL | 44a. | PPM (VOL) | b. <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR | c. |
| SULFUR DIOXIDE | 45a. | PPM (VOL) | b. <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR | c. |

*IF EMISSIONS ARE EXHAUSTED THROUGH AIR POLLUTION CONTROL EQUIPMENT, OR IF NATURAL GAS IS THE FUEL FIRED, ITEMS 36 THROUGH 47 NEED NOT BE COMPLETED.

| **EXHAUST POINT INFORMATION | | | |
|---|-----------|--|------------------|
| 46. FLOW DIAGRAM DESIGNATION(S) OF EXHAUST POINT: | | | |
| 47. DESCRIPTION OF EXHAUST POINT (LOCATION IN RELATION TO BUILDINGS, DIRECTION, HOODING, ETC.): | | | |
| 48. EXIT HEIGHT ABOVE GRADE: | 18 Ft. | 50. EXIT DIAMETER: | 9 3/4" X 20 3/4" |
| 49. GREATEST HEIGHT OF NEARBY BUILDINGS: | 25 FT | 51. EXIT DISTANCE FROM NEAREST PLANT BOUNDARY: | 50 FT |
| AVERAGE OPERATION | | MAXIMUM OPERATION | |
| 52. EXIT GAS TEMPERATURE: | 1000 °F | 54. EXIT GAS TEMPERATURE: | 1000 °C |
| 53. GAS FLOW RATE THROUGH EACH EXIT: | 2486 ACFM | 55. GAS FLOW RATE THROUGH EACH EXIT: | 2486 ACFM |

**IF EMISSIONS ARE EXHAUSTED THROUGH AIR POLLUTION CONTROL EQUIPMENT THIS SECTION SHOULD NOT BE COMPLETED.



STATE OF ILLINOIS
 ENVIRONMENTAL PROTECTION AGENCY
 DIVISION OF AIR POLLUTION CONTROL
 2200 CHURCHILL ROAD
 SPRINGFIELD, ILLINOIS 62706

This agency is authorized to require this information under Illinois Revised Statutes, 1973, Chapter III, Section 1039. Disclosure of this information is required under that section. Failure to do so may prevent this form from being processed and could result in your application being denied. This form has been approved by the Forms Management Center.

| | |
|---|--|
| <p>*DATA AND INFORMATION</p> <p>FUEL COMBUSTION EMISSION SOURCE</p> | |
|---|--|

*THIS INFORMATION FORM IS TO BE COMPLETED FOR A FURNACE, BOILER, OR SIMILAR EQUIPMENT USED FOR THE PRIMARY PURPOSE OF PRODUCING HEAT OR POWER BY INDIRECT HEAT TRANSFER. AN EMISSION SOURCE THAT DOES NOT FIT THIS DESCRIPTION, INCLUDING AN EMISSION SOURCE USING DIRECT HEATING, IS EITHER A PROCESS EMISSION SOURCE OR AN INCINERATOR.

| | |
|--|--|
| 1. NAME OF OWNER: Asphalt Materials, Inc. | 2. NAME OF CORPORATE DIVISION OR PLANT (IF DIFFERENT FROM OWNER): Emulsicoat, Inc. |
| 3. STREET ADDRESS OF EMISSION SOURCE: 705 East University Ave. | 4. CITY OF EMISSION SOURCE: Urbana |

GENERAL INFORMATION

| | | |
|---|----------------------------|--|
| 5. FLOW DIAGRAM DESIGNATION(S) OF EMISSION SOURCE: B-4 | | |
| 6. MANUFACTURER: Weil - McLain | 7. MODEL NUMBER: P-MGB-10W | 8. SERIAL NUMBER: CP725997 |
| 9. AVERAGE OPERATING TIME OF EMISSION SOURCE: 24 HRS/DAY 7 DAYS/WK 40 WKS/YR | | 10. MAXIMUM OPERATING TIME OF EMISSION SOURCE: 24 HRS/DAY 7 DAYS/WK 45 WKS/YR |
| 11. PERCENT OF ANNUAL HEAT INPUT: DEC-FEB 1 % MAR-MAY 33 % JUN-AUG 33 % SEP-NOV 33 % | | |

INSTRUCTIONS

1. COMPLETE THE ABOVE IDENTIFICATION AND GENERAL INFORMATION SECTION.
2. COMPLETE THE APPROPRIATE FUEL SECTION OR SECTIONS. IF MORE THAN ONE FUEL IS FIRED OR IF THE CAPABILITY EXISTS TO FIRE MORE THAN ONE FUEL, THE ACTUAL USAGE OF FUELS AND THE RELATIONSHIP BETWEEN FUELS, SIMULTANEOUS FIRING, ALTERNATE FIRING, RESERVE FUEL, ETC., MUST BE MADE CLEAR.
3. EMISSION AND EXHAUST POINT INFORMATION MUST BE COMPLETED, UNLESS EMISSIONS ARE EXHAUSTED THROUGH AIR POLLUTION CONTROL EQUIPMENT.
4. FIRING RATES AND CERTAIN OTHER ITEMS REQUIRE BOTH AVERAGE AND MAXIMUM VALUES.
5. FOR GENERAL INFORMATION REFER TO "GENERAL INSTRUCTIONS FOR PERMIT APPLICATIONS," APC-201.

DEFINITIONS

AVERAGE - THE VALUE THAT SUMMARIZES OR REPRESENTS THE GENERAL CONDITION OF THE EMISSION SOURCE, OR THE GENERAL STATE OF HEAT PRODUCTION OF THE EMISSION SOURCE. SPECIFICALLY:
 AVERAGE OPERATING TIME - ACTUAL TOTAL HOURS OF OPERATION FOR THE PRECEDING TWELVE MONTH PERIOD.
 AVERAGE RATE - ACTUAL TOTAL QUANTITY OF "MATERIAL" FOR THE PRECEDING TWELVE MONTH PERIOD, DIVIDED BY THE AVERAGE OPERATING TIME.
 AVERAGE OPERATION - OPERATION TYPICAL OF THE PRECEDING TWELVE MONTH PERIOD, AS REPRESENTED BY AVERAGE OPERATING TIME AND AVERAGE RATES.

MAXIMUM - THE GREATEST VALUE ATTAINABLE OR ATTAINED FROM THE EMISSION SOURCE, OR THE PERIOD OF GREATEST OR UTMOST HEAT PRODUCTION OF THE EMISSION SOURCE. SPECIFICALLY:
 MAXIMUM OPERATING TIME - GREATEST EXPECTED TOTAL HOURS OF OPERATION FOR ANY TWELVE MONTH PERIOD.
 MAXIMUM RATE - GREATEST QUANTITY OF "MATERIAL" EXPECTED PER ANY ONE HOUR OF OPERATION.
 MAXIMUM OPERATION - GREATEST EXPECTED OPERATION, AS REPRESENTED BY MAXIMUM OPERATING TIME AND MAXIMUM RATES.

| GAS FIRING | | | |
|--|--|--|----------------------------------|
| *11. ORIGIN OF GAS: <input checked="" type="checkbox"/> PIPELINE <input type="checkbox"/> DISTILLATE FUEL OIL GASIFICATION <input type="checkbox"/> OTHER LIQUID FUEL GASIFICATION <input type="checkbox"/> SOLID FUEL GASIFICATION <input type="checkbox"/> BYPRODUCT: SPECIFY SOURCE _____ | | | |
| 12. ARE YOU ON AN INTERRUPTABLE GAS SUPPLY: <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO IF "YES", SPECIFY ALTERNATE FUEL: _____ | | | |
| 13. ANNUAL CONSUMPTION: 10,080,000 SCF | | * 14. HEAT CONTENT: BTU/SCF | * 15. SULFUR CONTENT: %BY WT. |
| 16. AVERAGE FIRING RATE: 473,000 BTU/HR | | 17. MAXIMUM FIRING RATE: 1,739,100 BTU/HR | |

*IF THE GAS FIRED IS NATURAL GAS, THESE ITEMS NEED NOT BE COMPLETED.

| OIL FIRING | | | |
|--|--|--|--|
| 18. TYPE OF OIL: GRADE NUMBER: <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 OTHER: SPECIFY _____ | | | |
| 19. ANNUAL CONSUMPTION: GALLONS | | 20. HEAT CONTENT: <input type="checkbox"/> BTU/LB <input type="checkbox"/> BTU/GAL | |
| 21. SULFUR CONTENT: %BY WT | | 22. ASH CONTENT: %BY WT | |
| 23. DIRECTION OF FIRING: <input type="checkbox"/> HORIZONTAL <input type="checkbox"/> TANGENTIAL <input type="checkbox"/> OTHER: SPECIFY _____ | | | |
| 24. AVERAGE FIRING RATE: BTU/HR | | 25. MAXIMUM FIRING RATE: BTU/HR | |

| SOLID FUEL FIRING | | | |
|---|-------------------------------------|--|--|
| 26. TYPE OF SOLID FUEL: <input type="checkbox"/> SUB-BITUMINOUS COAL <input type="checkbox"/> BITUMINOUS COAL <input type="checkbox"/> ANTHRACITE COAL <input type="checkbox"/> OTHER: SPECIFY _____ | | | |
| 27. ANNUAL CONSUMPTION: TONS | | 28. HEAT CONTENT AS FIRED: BTU/LB | |
| 29. MOISTURE CONTENT AS FIRED: %BY WT | 30. ASH CONTENT AS FIRED: %BY WT | 31. SULFUR CONTENT AS FIRED: %BY WT | |
| 32. TYPE OF FIRING: <input type="checkbox"/> CYCLONE <input type="checkbox"/> PULVERIZED { <input type="checkbox"/> WET BOTTOM OR <input type="checkbox"/> DRY BOTTOM, <input type="checkbox"/> HORIZONTALLY OPPOSED OR <input type="checkbox"/> OTHER: SPECIFY _____ <input type="checkbox"/> SPREADER STOKER: % REINJECTION _____ <input type="checkbox"/> OTHER: SPECIFY _____ | | | |
| 33. AVERAGE FIRING RATE: BTU/HR | | 34. MAXIMUM FIRING RATE: BTU/HR | |

SUBMIT COPIES OF THOSE PORTIONS OF COAL OR OTHER SOLID FUEL CONTRACTS WHICH SET FORTH THE SPECIFICATIONS OF THE FUEL AND THE DURATION OF THE CONTRACT. IF THE ACTUAL FUEL FIRED IS A BLEND OF SOLID FUELS, SUBMIT APPROPRIATE PORTIONS OF ALL FUEL CONTRACTS AND SET FORTH THE MANNER IN WHICH THE FUELS ARE BLENDED AND ACTUALLY FIRED. REFERENCE THIS INFORMATION TO THIS FORM.

***EMISSION INFORMATION**

35. NUMBER OF IDENTICAL SOURCES (DESCRIBE AS REQUIRED):

1

AVERAGE OPERATION

| CONTAMINANT | CONCENTRATION OR EMISSION RATE PER IDENTICAL SOURCE | | b. | METHOD USED TO DETERMINE CONCENTRATION OR EMISSION RATE | |
|--------------------|---|-----------|----|---|----|
| | 36a. | GR/SCF | | <input type="checkbox"/> LB/10 ⁶ BTU | c. |
| PARTICULATE MATTER | 36a. | GR/SCF | b. | <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR | c. |
| CARBON MONOXIDE | 37a. | PPM (VOL) | b. | <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR | c. |
| NITROGEN OXIDES | 38a. | PPM (VOL) | b. | <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR | c. |
| ORGANIC MATERIAL | 39a. | PPM (VOL) | b. | <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR | c. |
| SULFUR DIOXIDE | 40a. | PPM (VOL) | b. | <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR | c. |

MAXIMUM OPERATION

| CONTAMINANT | CONCENTRATION OR EMISSION RATE PER IDENTICAL SOURCE | | b. | METHOD USED TO DETERMINE CONCENTRATION OR EMISSION RATE | |
|--------------------|---|-----------|----|---|----|
| | 41a. | GR/SCF | | <input type="checkbox"/> LB/10 ⁶ BTU | c. |
| PARTICULATE MATTER | 41a. | GR/SCF | b. | <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR | c. |
| CARBON MONOXIDE | 42a. | PPM (VOL) | b. | <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR | c. |
| NITROGEN OXIDES | 43a. | PPM (VOL) | b. | <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR | c. |
| ORGANIC MATERIAL | 44a. | PPM (VOL) | b. | <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR | c. |
| SULFUR DIOXIDE | 45a. | PPM (VOL) | b. | <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR | c. |

*IF EMISSIONS ARE EXHAUSTED THROUGH AIR POLLUTION CONTROL EQUIPMENT, OR IF NATURAL GAS IS THE FUEL FIRED, ITEMS 36 THROUGH 47 NEED NOT BE COMPLETED.

****EXHAUST POINT INFORMATION**

46. FLOW DIAGRAM DESIGNATION(S) OF EXHAUST POINT:

47. DESCRIPTION OF EXHAUST POINT (LOCATION IN RELATION TO BUILDINGS, DIRECTION, HOODING, ETC.):

48. EXIT HEIGHT ABOVE GRADE:

18'

50. EXIT DIAMETER:

16"

49. GREATEST HEIGHT OF NEARBY BUILDINGS:

20 FT

51. EXIT DISTANCE FROM NEAREST PLANT BOUNDARY:

25 FT

AVERAGE OPERATION

MAXIMUM OPERATION

52. EXIT GAS TEMPERATURE:

300 °F

54. EXIT GAS TEMPERATURE:

350 °F

53. GAS FLOW RATE THROUGH EACH EXIT:

Unknown ACFM

55. GAS FLOW RATE THROUGH EACH EXIT:

Unknown ACFM

**IF EMISSIONS ARE EXHAUSTED THROUGH AIR POLLUTION CONTROL EQUIPMENT THIS SECTION SHOULD NOT BE COMPLETED.



STATE OF ILLINOIS
 ENVIRONMENTAL PROTECTION AGENCY
 DIVISION OF AIR POLLUTION CONTROL
 2200 CHURCHILL ROAD
 SPRINGFIELD, ILLINOIS 62706

This agency is authorized to require this information under Illinois Revised Statutes, 1973, Chapter III, Section 1039. Disclosure of this information is required under that section. Failure to do so may prevent this form from being processed and could result in your application being denied. This form has been approved by the Forms Management Center.

*DATA AND INFORMATION
 FUEL COMBUSTION EMISSION SOURCE

*THIS INFORMATION FORM IS TO BE COMPLETED FOR A FURNACE, BOILER, OR SIMILAR EQUIPMENT USED FOR THE PRIMARY PURPOSE OF PRODUCING HEAT OR POWER BY INDIRECT HEAT TRANSFER. AN EMISSION SOURCE THAT DOES NOT FIT THIS DESCRIPTION, INCLUDING AN EMISSION SOURCE USING DIRECT HEATING, IS EITHER A PROCESS EMISSION SOURCE OR AN INCINERATOR.

| | |
|---|--|
| 1. NAME OF OWNER: Asphalt Materials, Inc. | 2. NAME OF CORPORATE DIVISION OR PLANT (IF DIFFERENT FROM OWNER): Emulsicoat, Inc. |
| 3. STREET ADDRESS OF EMISSION SOURCE: 705 East University Ave. | 4. CITY OF EMISSION SOURCE: Urbana |

| GENERAL INFORMATION | | |
|---|----------------------|--|
| 5. FLOW DIAGRAM DESIGNATION(S) OF EMISSION SOURCE: H-1 (901) | | |
| 6. MANUFACTURER: Brown | 7. MODEL NUMBER: 302 | 8. SERIAL NUMBER: T-36-86-1 |
| 9. AVERAGE OPERATING TIME OF EMISSION SOURCE: 12 HRS/DAY 7 DAYS/WK 40 WKS/YR | | 10. MAXIMUM OPERATING TIME OF EMISSION SOURCE: 24 HRS/DAY 7 DAYS/WK 45 WKS/YR |
| 11. PERCENT OF ANNUAL HEAT INPUT: DEC-FEB 1 % MAR-MAY 33 % JUN-AUG 33 % SEP-NOV 33 % | | |

| INSTRUCTIONS |
|---|
| 1. COMPLETE THE ABOVE IDENTIFICATION AND GENERAL INFORMATION SECTION. |
| 2. COMPLETE THE APPROPRIATE FUEL SECTION OR SECTIONS. IF MORE THAN ONE FUEL IS FIRED OR IF THE CAPABILITY EXISTS TO FIRE MORE THAN ONE FUEL, THE ACTUAL USAGE OF FUELS AND THE RELATIONSHIP BETWEEN FUELS, SIMULTANEOUS FIRING, ALTERNATE FIRING, RESERVE FUEL, ETC., MUST BE MADE CLEAR. |
| 3. EMISSION AND EXHAUST POINT INFORMATION MUST BE COMPLETED, UNLESS EMISSIONS ARE EXHAUSTED THROUGH AIR POLLUTION CONTROL EQUIPMENT. |
| 4. FIRING RATES AND CERTAIN OTHER ITEMS REQUIRE BOTH AVERAGE AND MAXIMUM VALUES. |
| 5. FOR GENERAL INFORMATION REFER TO "GENERAL INSTRUCTIONS FOR PERMIT APPLICATIONS," APC-201. |

| DEFINITIONS |
|---|
| AVERAGE - THE VALUE THAT SUMMARIZES OR REPRESENTS THE GENERAL CONDITION OF THE EMISSION SOURCE, OR THE GENERAL STATE OF HEAT PRODUCTION OF THE EMISSION SOURCE. SPECIFICALLY: AVERAGE OPERATING TIME - ACTUAL TOTAL HOURS OF OPERATION FOR THE PRECEDING TWELVE MONTH PERIOD. AVERAGE RATE - ACTUAL TOTAL QUANTITY OF "MATERIAL" FOR THE PRECEDING TWELVE MONTH PERIOD, DIVIDED BY THE AVERAGE OPERATING TIME. AVERAGE OPERATION - OPERATION TYPICAL OF THE PRECEDING TWELVE MONTH PERIOD, AS REPRESENTED BY AVERAGE OPERATING TIME AND AVERAGE RATES. |
| MAXIMUM - THE GREATEST VALUE ATTAINABLE OR ATTAINED FROM THE EMISSION SOURCE, OR THE PERIOD OF GREATEST OR UTMOST HEAT PRODUCTION OF THE EMISSION SOURCE. SPECIFICALLY: MAXIMUM OPERATING TIME - GREATEST EXPECTED TOTAL HOURS OF OPERATION FOR ANY TWELVE MONTH PERIOD. MAXIMUM RATE - GREATEST QUANTITY OF "MATERIAL" EXPECTED PER ANY ONE HOUR OF OPERATION. MAXIMUM OPERATION - GREATEST EXPECTED OPERATION, AS REPRESENTED BY MAXIMUM OPERATING TIME AND MAXIMUM RATES. |

| GAS FIRING | | | |
|--|--|--|--|
| *11. ORIGIN OF GAS: <input checked="" type="checkbox"/> PIPELINE <input type="checkbox"/> DISTILLATE FUEL OIL GASIFICATION <input type="checkbox"/> OTHER LIQUID FUEL GASIFICATION <input type="checkbox"/> SOLID FUEL GASIFICATION <input type="checkbox"/> BYPRODUCT: SPECIFY SOURCE | | | |
| 12. ARE YOU ON AN INTERRUPTABLE GAS SUPPLY: <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO IF "YES", SPECIFY ALTERNATE FUEL: _____ | | | |
| 13. ANNUAL CONSUMPTION: 6,720,000 SCF | | * 14. HEAT CONTENT: _____ BTU/SCF | |
| 16. AVERAGE FIRING RATE: 1,000,000 BTU/HR | | * 15. SULFUR CONTENT: _____ %BY WT. | |
| | | 17. MAXIMUM FIRING RATE: 1,154,000 BTU/HR | |

*IF THE GAS FIRED IS NATURAL GAS, THESE ITEMS NEED NOT BE COMPLETED.

| OIL FIRING | | | |
|--|--|--|--|
| 18. TYPE OF OIL: GRADE NUMBER: <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 OTHER: SPECIFY _____ | | | |
| 19. ANNUAL CONSUMPTION: GALLONS | | 20. HEAT CONTENT: <input type="checkbox"/> BTU/LB <input type="checkbox"/> BTU/GAL | |
| 21. SULFUR CONTENT: _____ %BY WT | | 22. ASH CONTENT: _____ %BY WT | |
| 23. DIRECTION OF FIRING: <input type="checkbox"/> HORIZONTAL <input type="checkbox"/> TANGENTIAL <input type="checkbox"/> OTHER: SPECIFY _____ | | | |
| 24. AVERAGE FIRING RATE: _____ BTU/HR | | 25. MAXIMUM FIRING RATE: _____ BTU/HR | |

| SOLID FUEL FIRING | | | |
|---|--|---|--|
| 26. TYPE OF SOLID FUEL: <input type="checkbox"/> SUB-BITUMINOUS COAL <input type="checkbox"/> BITUMINOUS COAL <input type="checkbox"/> ANTHRACITE COAL <input type="checkbox"/> OTHER: SPECIFY _____ | | | |
| 27. ANNUAL CONSUMPTION: TONS | | 28. HEAT CONTENT AS FIRED: _____ BTU/LB | |
| 29. MOISTURE CONTENT AS FIRED: _____ %BY WT | 30. ASH CONTENT AS FIRED: _____ %BY WT | 31. SULFUR CONTENT AS FIRED: _____ %BY WT | |
| 32. TYPE OF FIRING: <input type="checkbox"/> CYCLONE <input type="checkbox"/> PULVERIZED { <input type="checkbox"/> WET BOTTOM OR <input type="checkbox"/> DRY BOTTOM, <input type="checkbox"/> HORIZONTALLY OPPOSED OR <input type="checkbox"/> OTHER: SPECIFY _____ | | | |
| <input type="checkbox"/> SPREADER STOKER: % REINJECTION _____ | | <input type="checkbox"/> OTHER: SPECIFY _____ | |
| 33. AVERAGE FIRING RATE: _____ BTU/HR | | 34. MAXIMUM FIRING RATE: _____ BTU/HR | |

SUBMIT COPIES OF THOSE PORTIONS OF COAL OR OTHER SOLID FUEL CONTRACTS WHICH SET FORTH THE SPECIFICATIONS OF THE FUEL AND THE DURATION OF THE CONTRACT. IF THE ACTUAL FUEL FIRED IS A BLEND OF SOLID FUELS, SUBMIT APPROPRIATE PORTIONS OF ALL FUEL CONTRACTS AND SET FORTH THE MANNER IN WHICH THE FUELS ARE BLENDED AND ACTUALLY FIRED. REFERENCE THIS INFORMATION TO THIS FORM.

| *EMISSION INFORMATION | | | | |
|--|---|-----------|---|---|
| 35. NUMBER OF IDENTICAL SOURCES (DESCRIBE AS REQUIRED): 8 | | | | |
| AVERAGE OPERATION | | | | |
| CONTAMINANT | CONCENTRATION OR EMISSION RATE PER IDENTICAL SOURCE | | b. | METHOD USED TO DETERMINE CONCENTRATION OR EMISSION RATE |
| PARTICULATE MATTER | 36a. | GR/SCF | <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR | c. |
| CARBON MONOXIDE | 37a. | PPM (VOL) | <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR | c. |
| NITROGEN OXIDES | 38a. | PPM (VOL) | <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR | c. |
| ORGANIC MATERIAL | 39a. | PPM (VOL) | <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR | c. |
| SULFUR DIOXIDE | 40a. | PPM (VOL) | <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR | c. |
| MAXIMUM OPERATION | | | | |
| CONTAMINANT | CONCENTRATION OR EMISSION RATE PER IDENTICAL SOURCE | | b. | METHOD USED TO DETERMINE CONCENTRATION OR EMISSION RATE |
| PARTICULATE MATTER | 41a. | GR/SCF | <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR | .. |
| CARBON MONOXIDE | 42a. | PPM (VOL) | <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR | c. |
| NITROGEN OXIDES | 43a. | PPM (VOL) | <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR | c. |
| ORGANIC MATERIAL | 44a. | PPM (VOL) | <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR | c. |
| SULFUR DIOXIDE | 45a. | PPM (VOL) | <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR | c. |

*IF EMISSIONS ARE EXHAUSTED THROUGH AIR POLLUTION CONTROL EQUIPMENT, OR IF NATURAL GAS IS THE FUEL FIRED, ITEMS 36 THROUGH 47 NEED NOT BE COMPLETED.

| **EXHAUST POINT INFORMATION | | | |
|---|--------------|--|--------------|
| 46. FLOW DIAGRAM DESIGNATION(S) OF EXHAUST POINT: | | | |
| 47. DESCRIPTION OF EXHAUST POINT (LOCATION IN RELATION TO BUILDINGS, DIRECTION, HOODING, ETC.): | | | |
| 48. EXIT HEIGHT ABOVE GRADE: | 43 Ft. | 50. EXIT DIAMETER: | 8 " |
| 49. GREATEST HEIGHT OF NEARBY BUILDINGS: | 25 FT | 51. EXIT DISTANCE FROM NEAREST PLANT BOUNDARY: | 50 FT |
| AVERAGE OPERATION | | MAXIMUM OPERATION | |
| 52. EXIT GAS TEMPERATURE: | Unknown °F | 54. EXIT GAS TEMPERATURE: | Unknown °F |
| 53. GAS FLOW RATE THROUGH EACH EXIT: | Unknown ACFM | 55. GAS FLOW RATE THROUGH EACH EXIT: | Unknown ACFM |

**IF EMISSIONS ARE EXHAUSTED THROUGH AIR POLLUTION CONTROL EQUIPMENT THIS SECTION SHOULD NOT BE COMPLETED.

This agency is authorized to require this information under Illinois Revised Statutes, 1973, Chapter 117 1/2, Section 1039. Disclosure of this information is required under that section. Failure to do so may prevent this form from being processed and could result in your application being denied. This form has been approved by the Forms Management Center.



STATE OF ILLINOIS
 ENVIRONMENTAL PROTECTION AGENCY
 DIVISION OF AIR POLLUTION CONTROL
 2200 CHURCHILL ROAD
 SPRINGFIELD, ILLINOIS 62706

| | |
|---|--|
| <p>*DATA AND INFORMATION</p> <p>FUEL COMBUSTION EMISSION SOURCE</p> | |
|---|--|

*THIS INFORMATION FORM IS TO BE COMPLETED FOR A FURNACE, BOILER, OR SIMILAR EQUIPMENT USED FOR THE PRIMARY PURPOSE OF PRODUCING HEAT OR POWER BY INDIRECT HEAT TRANSFER. AN EMISSION SOURCE THAT DOES NOT FIT THIS DESCRIPTION, INCLUDING AN EMISSION SOURCE USING DIRECT HEATING, IS EITHER A PROCESS EMISSION SOURCE OR AN INCINERATOR.

| | |
|--|---|
| 1. NAME OF OWNER: <u>Asphalt Materials, Inc.</u> | 2. NAME OF CORPORATE DIVISION OR PLANT (IF DIFFERENT FROM OWNER): <u>Emulsicoat, Inc.</u> |
| 3. STREET ADDRESS OF EMISSION SOURCE: <u>705 East University Ave.</u> | 4. CITY OF EMISSION SOURCE: <u>Urbana</u> |

GENERAL INFORMATION

| | | |
|--|---|---------------------------------------|
| 5. FLOW DIAGRAM DESIGNATION(S) OF EMISSION SOURCE: <u>H-2 (901)</u> | | |
| 6. MANUFACTURER: <u>Brown</u> | 7. MODEL NUMBER: <u>302</u> | 8. SERIAL NUMBER: <u>T-36-86-2</u> |
| 9. AVERAGE OPERATING TIME OF EMISSION SOURCE: <u>12</u> HRS/DAY <u>7</u> DAYS/WK <u>40</u> WKS/YR | 10. MAXIMUM OPERATING TIME OF EMISSION SOURCE: <u>24</u> HRS/DAY <u>7</u> DAYS/WK <u>45</u> WKS/YR | |
| 11. PERCENT OF ANNUAL HEAT INPUT: DEC-FEB <u>1</u> % MAR-MAY <u>33</u> % JUN-AUG <u>33</u> % SEP-NOV <u>33</u> % | | |

INSTRUCTIONS

1. COMPLETE THE ABOVE IDENTIFICATION AND GENERAL INFORMATION SECTION.
2. COMPLETE THE APPROPRIATE FUEL SECTION OR SECTIONS. IF MORE THAN ONE FUEL IS FIRED OR IF THE CAPABILITY EXISTS TO FIRE MORE THAN ONE FUEL, THE ACTUAL USAGE OF FUELS AND THE RELATIONSHIP BETWEEN FUELS, SIMULTANEOUS FIRING, ALTERNATE FIRING, RESERVE FUEL, ETC., MUST BE MADE CLEAR.
3. EMISSION AND EXHAUST POINT INFORMATION MUST BE COMPLETED, UNLESS EMISSIONS ARE EXHAUSTED THROUGH AIR POLLUTION CONTROL EQUIPMENT.
4. FIRING RATES AND CERTAIN OTHER ITEMS REQUIRE BOTH AVERAGE AND MAXIMUM VALUES.
5. FOR GENERAL INFORMATION REFER TO "GENERAL INSTRUCTIONS FOR PERMIT APPLICATIONS," APC-201.

DEFINITIONS

AVERAGE - THE VALUE THAT SUMMARIZES OR REPRESENTS THE GENERAL CONDITION OF THE EMISSION SOURCE, OR THE GENERAL STATE OF HEAT PRODUCTION OF THE EMISSION SOURCE. SPECIFICALLY:
 AVERAGE OPERATING TIME - ACTUAL TOTAL HOURS OF OPERATION FOR THE PRECEDING TWELVE MONTH PERIOD.
 AVERAGE RATE - ACTUAL TOTAL QUANTITY OF "MATERIAL" FOR THE PRECEDING TWELVE MONTH PERIOD, DIVIDED BY THE AVERAGE OPERATING TIME.
 AVERAGE OPERATION - OPERATION TYPICAL OF THE PRECEDING TWELVE MONTH PERIOD, AS REPRESENTED BY AVERAGE OPERATING TIME AND AVERAGE RATES.

MAXIMUM - THE GREATEST VALUE ATTAINABLE OR ATTAINED FROM THE EMISSION SOURCE, OR THE PERIOD OF GREATEST OR UTMOST HEAT PRODUCTION OF THE EMISSION SOURCE. SPECIFICALLY:
 MAXIMUM OPERATING TIME - GREATEST EXPECTED TOTAL HOURS OF OPERATION FOR ANY TWELVE MONTH PERIOD.
 MAXIMUM RATE - GREATEST QUANTITY OF "MATERIAL" EXPECTED PER ANY ONE HOUR OF OPERATION.
 MAXIMUM OPERATION - GREATEST EXPECTED OPERATION, AS REPRESENTED BY MAXIMUM OPERATING TIME AND MAXIMUM RATES.

| GAS FIRING | | | |
|---|--|---|--|
| 11. ORIGIN OF GAS: <input checked="" type="checkbox"/> PIPELINE | | <input type="checkbox"/> DISTILLATE FUEL OIL GASIFICATION <input type="checkbox"/> OTHER LIQUID FUEL GASIFICATION <input type="checkbox"/> SOLID FUEL GASIFICATION <input type="checkbox"/> BYPRODUCT: SPECIFY SOURCE | |
| 12. ARE YOU ON AN INTERRUPTABLE GAS SUPPLY: <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | | | |
| IF "YES", SPECIFY ALTERNATE FUEL: _____ | | | |
| 13. ANNUAL CONSUMPTION: 6,720,000 SCF | | 14. HEAT CONTENT: _____ BTU/SCF | |
| 16. AVERAGE FIRING RATE: 1,000,000 BTU/HR | | 17. MAXIMUM FIRING RATE: 1,154,000 BTU/HR | |
| 15. SULFUR CONTENT: _____ %BY WT. | | | |

*IF THE GAS FIRED IS NATURAL GAS, THESE ITEMS NEED NOT BE COMPLETED.

| OIL FIRING | | | |
|---|--|---|--|
| 18. TYPE OF OIL: GRADE NUMBER: <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 OTHER: SPECIFY _____ | | | |
| 19. ANNUAL CONSUMPTION: _____ GALLONS | | 20. HEAT CONTENT: _____ <input type="checkbox"/> BTU/LB <input type="checkbox"/> BTU/GAL | |
| 21. SULFUR CONTENT: _____ %BY WT | | 22. ASH CONTENT: _____ %BY WT | |
| 23. DIRECTION OF FIRING: <input type="checkbox"/> HORIZONTAL <input type="checkbox"/> TANGENTIAL <input type="checkbox"/> OTHER: SPECIFY _____ | | | |
| 24. AVERAGE FIRING RATE: _____ BTU/HR | | 25. MAXIMUM FIRING RATE: _____ BTU/HR | |

| SOLID FUEL FIRING | | | |
|--|--|---|--|
| 26. TYPE OF SOLID FUEL: <input type="checkbox"/> SUB-BITUMINOUS COAL <input type="checkbox"/> BITUMINOUS COAL <input type="checkbox"/> ANTHRACITE COAL <input type="checkbox"/> OTHER: SPECIFY _____ | | | |
| 27. ANNUAL CONSUMPTION: _____ TONS | | 28. HEAT CONTENT AS FIRED: _____ BTU/LB | |
| 29. MOISTURE CONTENT AS FIRED: _____ %BY WT | | 30. ASH CONTENT AS FIRED: _____ %BY WT | |
| 31. SULFUR CONTENT AS FIRED: _____ %BY WT | | | |
| 32. TYPE OF FIRING: <input type="checkbox"/> CYCLONE <input type="checkbox"/> PULVERIZED { <input type="checkbox"/> WET BOTTOM OR <input type="checkbox"/> DRY BOTTOM, <input type="checkbox"/> HORIZONTALLY OPPOSED OR <input type="checkbox"/> OTHER: SPECIFY _____ | | | |
| <input type="checkbox"/> SPREADER STOKER: % REINJECTION _____ <input type="checkbox"/> OTHER: SPECIFY _____ | | | |
| 33. AVERAGE FIRING RATE: _____ BTU/HR | | 34. MAXIMUM FIRING RATE: _____ BTU/HR | |

SUBMIT COPIES OF THOSE PORTIONS OF COAL OR OTHER SOLID FUEL CONTRACTS WHICH SET FORTH THE SPECIFICATIONS OF THE FUEL AND THE DURATION OF THE CONTRACT. IF THE ACTUAL FUEL FIRED IS A BLEND OF SOLID FUELS, SUBMIT APPROPRIATE PORTIONS OF ALL FUEL CONTRACTS AND SET FORTH THE MANNER IN WHICH THE FUELS ARE BLENDED AND ACTUALLY FIRED. REFERENCE THIS INFORMATION TO THIS FORM.

***EMISSION INFORMATION**

35. NUMBER OF IDENTICAL SOURCES (DESCRIBE AS REQUIRED):

8

AVERAGE OPERATION

| CONTAMINANT | CONCENTRATION OR EMISSION RATE PER IDENTICAL SOURCE | | b. | METHOD USED TO DETERMINE CONCENTRATION OR EMISSION RATE | |
|--------------------|---|-----------|----|---|----|
| | 36a. | GR/SCF | | <input type="checkbox"/> LB/10 ⁶ BTU | c. |
| PARTICULATE MATTER | | | | <input type="checkbox"/> LB/HR | |
| CARBON MONOXIDE | 37a. | PPM (VOL) | | <input type="checkbox"/> LB/10 ⁶ BTU | c. |
| NITROGEN OXIDES | 38a. | PPM (VOL) | | <input type="checkbox"/> LB/HR | |
| ORGANIC MATERIAL | 39a. | PPM (VOL) | | <input type="checkbox"/> LB/10 ⁶ BTU | c. |
| SULFUR DIOXIDE | 40a. | PPM (VOL) | | <input type="checkbox"/> LB/HR | |

MAXIMUM OPERATION

| CONTAMINANT | CONCENTRATION OR EMISSION RATE PER IDENTICAL SOURCE | | b. | METHOD USED TO DETERMINE CONCENTRATION OR EMISSION RATE | |
|--------------------|---|-----------|----|---|----|
| | 41a. | GR/SCF | | <input type="checkbox"/> LB/10 ⁶ BTU | c. |
| PARTICULATE MATTER | | | | <input type="checkbox"/> LB/HR | |
| CARBON MONOXIDE | 42a. | PPM (VOL) | | <input type="checkbox"/> LB/10 ⁶ BTU | c. |
| NITROGEN OXIDES | 43a. | PPM (VOL) | | <input type="checkbox"/> LB/HR | |
| ORGANIC MATERIAL | 44a. | PPM (VOL) | | <input type="checkbox"/> LB/10 ⁶ BTU | c. |
| SULFUR DIOXIDE | 45a. | PPM (VOL) | | <input type="checkbox"/> LB/HR | |

*IF EMISSIONS ARE EXHAUSTED THROUGH AIR POLLUTION CONTROL EQUIPMENT, OR IF NATURAL GAS IS THE FUEL FIRED, ITEMS 36 THROUGH 47 NEED NOT BE COMPLETED.

****EXHAUST POINT INFORMATION**

46. FLOW DIAGRAM DESIGNATION(S) OF EXHAUST POINT:

47. DESCRIPTION OF EXHAUST POINT (LOCATION IN RELATION TO BUILDINGS, DIRECTION, HOODING, ETC.):

48. EXIT HEIGHT ABOVE GRADE: 48 Ft.

50. EXIT DIAMETER: 8"

49. GREATEST HEIGHT OF NEARBY BUILDINGS: 25 FT

51. EXIT DISTANCE FROM NEAREST PLANT BOUNDARY: 75 FT

AVERAGE OPERATION

52. EXIT GAS TEMPERATURE: Unknown °F

MAXIMUM OPERATION

54. EXIT GAS TEMPERATURE: Unknown °F

53. GAS FLOW RATE THROUGH EACH EXIT: Unknown ACFM

55. GAS FLOW RATE THROUGH EACH EXIT: Unknown ACFM

**IF EMISSIONS ARE EXHAUSTED THROUGH AIR POLLUTION CONTROL EQUIPMENT THIS SECTION SHOULD NOT BE COMPLETED.



STATE OF ILLINOIS
 ENVIRONMENTAL PROTECTION AGENCY
 DIVISION OF AIR POLLUTION CONTROL
 2200 CHURCHILL ROAD
 SPRINGFIELD, ILLINOIS 62706

This agency is authorized to require this information under Illinois Revised Statutes, 1973, Chapter III, Section 1039. Disclosure of this information is required under that section. Failure to do so may prevent this form from being processed and could result in your application being denied. This form has been approved by the Forms Management Center.

*DATA AND INFORMATION
 FUEL COMBUSTION EMISSION SOURCE

*THIS INFORMATION FORM IS TO BE COMPLETED FOR A FURNACE, BOILER, OR SIMILAR EQUIPMENT USED FOR THE PRIMARY PURPOSE OF PRODUCING HEAT OR POWER BY INDIRECT HEAT TRANSFER. AN EMISSION SOURCE THAT DOES NOT FIT THIS DESCRIPTION, INCLUDING AN EMISSION SOURCE USING DIRECT HEATING, IS EITHER A PROCESS EMISSION SOURCE OR AN INCINERATOR.

| | |
|---|--|
| 1. NAME OF OWNER: Asphalt Materials, Inc. | 2. NAME OF CORPORATE DIVISION OR PLANT (IF DIFFERENT FROM OWNER): Emulsicoat, Inc. |
| 3. STREET ADDRESS OF EMISSION SOURCE: 705 East University Ave. | 4. CITY OF EMISSION SOURCE: Urbana |

| GENERAL INFORMATION | | |
|---|--|---------------------------|
| 5. FLOW DIAGRAM DESIGNATION(S) OF EMISSION SOURCE: H-3 (902) | | |
| 6. MANUFACTURER: Brown | 7. MODEL NUMBER: 302 | 8. SERIAL NUMBER: X1079-6 |
| 9. AVERAGE OPERATING TIME OF EMISSION SOURCE: 12 HRS/DAY 7 DAYS/WK 40 WKS/YR | 10. MAXIMUM OPERATING TIME OF EMISSION SOURCE: 24 HRS/DAY 7 DAYS/WK 45 WKS/YR | |
| 11. PERCENT OF ANNUAL HEAT INPUT: DEC-FEB 1 % MAR-MAY 33 % JUN-AUG 33 % SEP-NOV 33 % | | |

| INSTRUCTIONS |
|---|
| 1. COMPLETE THE ABOVE IDENTIFICATION AND GENERAL INFORMATION SECTION. |
| 2. COMPLETE THE APPROPRIATE FUEL SECTION OR SECTIONS. IF MORE THAN ONE FUEL IS FIRED OR IF THE CAPABILITY EXISTS TO FIRE MORE THAN ONE FUEL, THE ACTUAL USAGE OF FUELS AND THE RELATIONSHIP BETWEEN FUELS, SIMULTANEOUS FIRING, ALTERNATE FIRING, RESERVE FUEL, ETC., MUST BE MADE CLEAR. |
| 3. EMISSION AND EXHAUST POINT INFORMATION MUST BE COMPLETED, UNLESS EMISSIONS ARE EXHAUSTED THROUGH AIR POLLUTION CONTROL EQUIPMENT. |
| 4. FIRING RATES AND CERTAIN OTHER ITEMS REQUIRE BOTH AVERAGE AND MAXIMUM VALUES. |
| 5. FOR GENERAL INFORMATION REFER TO "GENERAL INSTRUCTIONS FOR PERMIT APPLICATIONS," APC-201. |

| DEFINITIONS |
|---|
| AVERAGE - THE VALUE THAT SUMMARIZES OR REPRESENTS THE GENERAL CONDITION OF THE EMISSION SOURCE, OR THE GENERAL STATE OF HEAT PRODUCTION OF THE EMISSION SOURCE. SPECIFICALLY: AVERAGE OPERATING TIME - ACTUAL TOTAL HOURS OF OPERATION FOR THE PRECEDING TWELVE MONTH PERIOD. AVERAGE RATE - ACTUAL TOTAL QUANTITY OF "MATERIAL" FOR THE PRECEDING TWELVE MONTH PERIOD, DIVIDED BY THE AVERAGE OPERATING TIME. AVERAGE OPERATION - OPERATION TYPICAL OF THE PRECEDING TWELVE MONTH PERIOD, AS REPRESENTED BY AVERAGE OPERATING TIME AND AVERAGE RATES. |
| MAXIMUM - THE GREATEST VALUE ATTAINABLE OR ATTAINED FROM THE EMISSION SOURCE, OR THE PERIOD OF GREATEST OR UTMOST HEAT PRODUCTION OF THE EMISSION SOURCE. SPECIFICALLY: MAXIMUM OPERATING TIME - GREATEST EXPECTED TOTAL HOURS OF OPERATION FOR ANY TWELVE MONTH PERIOD. MAXIMUM RATE - GREATEST QUANTITY OF "MATERIAL" EXPECTED PER ANY ONE HOUR OF OPERATION. MAXIMUM OPERATION - GREATEST EXPECTED OPERATION, AS REPRESENTED BY MAXIMUM OPERATING TIME AND MAXIMUM RATES. |

| GAS FIRING | | | |
|--|--|--|----------------------------------|
| *11. ORIGIN OF GAS: <input checked="" type="checkbox"/> PIPELINE <input type="checkbox"/> DISTILLATE FUEL OIL GASIFICATION <input type="checkbox"/> OTHER LIQUID FUEL GASIFICATION <input type="checkbox"/> SOLID FUEL GASIFICATION <input type="checkbox"/> BYPRODUCT: SPECIFY SOURCE | | | |
| 12. ARE YOU ON AN INTERRUPTABLE GAS SUPPLY: <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO IF "YES", SPECIFY ALTERNATE FUEL: _____ | | | |
| 13. ANNUAL CONSUMPTION: 6,720,000 SCF | | * 14. HEAT CONTENT: BTU/SCF | * 15. SULFUR CONTENT: %BY WT. |
| 16. AVERAGE FIRING RATE: 1,000,000 BTU/HR | | 17. MAXIMUM FIRING RATE: 1,154,000 BTU/HR | |

*IF THE GAS FIRED IS NATURAL GAS, THESE ITEMS NEED NOT BE COMPLETED.

| OIL FIRING | | | |
|---|--|--|--|
| 18. TYPE OF OIL: GRADE NUMBER: <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 OTHER: SPECIFY _____ | | | |
| 19. ANNUAL CONSUMPTION: GALLONS | | 20. HEAT CONTENT: <input type="checkbox"/> BTU/LB <input type="checkbox"/> BTU/GAL | |
| 21. SULFUR CONTENT: %BY WT | | 22. ASH CONTENT: %BY WT | |
| 23. DIRECTION OF FIRING: <input type="checkbox"/> HORIZONTAL <input type="checkbox"/> TANGENTIAL <input type="checkbox"/> OTHER: SPECIFY _____ | | | |
| 24. AVERAGE FIRING RATE: BTU/HR | | 25. MAXIMUM FIRING RATE: BTU/HR | |

| SOLID FUEL FIRING | | | |
|--|-------------------------------------|--|--|
| 26. TYPE OF SOLID FUEL: <input type="checkbox"/> SUB-BITUMINOUS COAL <input type="checkbox"/> BITUMINOUS COAL <input type="checkbox"/> ANTHRACITE COAL <input type="checkbox"/> OTHER: SPECIFY _____ | | | |
| 27. ANNUAL CONSUMPTION: TONS | | 28. HEAT CONTENT AS FIRED: BTU/LB | |
| 29. MOISTURE CONTENT AS FIRED: %BY WT | 30. ASH CONTENT AS FIRED: %BY WT | 31. SULFUR CONTENT AS FIRED: %BY WT | |
| 32. TYPE OF FIRING: <input type="checkbox"/> CYCLONE <input type="checkbox"/> PULVERIZED { <input type="checkbox"/> WET BOTTOM OR <input type="checkbox"/> DRY BOTTOM, <input type="checkbox"/> HORIZONTALLY OPPOSED OR <input type="checkbox"/> OTHER: SPECIFY _____ <input type="checkbox"/> SPREADER STOKER: % REINJECTION _____ <input type="checkbox"/> OTHER: SPECIFY _____ | | | |
| 33. AVERAGE FIRING RATE: BTU/HR | | 34. MAXIMUM FIRING RATE: BTU/HR | |

SUBMIT COPIES OF THOSE PORTIONS OF COAL OR OTHER SOLID FUEL CONTRACTS WHICH SET FORTH THE SPECIFICATIONS OF THE FUEL AND THE DURATION OF THE CONTRACT. IF THE ACTUAL FUEL FIRED IS A BLEND OF SOLID FUELS, SUBMIT APPROPRIATE PORTIONS OF ALL FUEL CONTRACTS AND SET FORTH THE MANNER IN WHICH THE FUELS ARE BLENDED AND ACTUALLY FIRED. REFERENCE THIS INFORMATION TO THIS FORM.

| *EMISSION INFORMATION | | | | | |
|---|---|-----------|----|---|----|
| 35. NUMBER OF IDENTICAL SOURCES (DESCRIBE AS REQUIRED): 8 | | | | | |
| AVERAGE OPERATION | | | | | |
| CONTAMINANT | CONCENTRATION OR EMISSION RATE PER IDENTICAL SOURCE | | | METHOD USED TO DETERMINE CONCENTRATION OR EMISSION RATE | |
| PARTICULATE MATTER | 36a. | GR/SCF | b. | <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR | c. |
| CARBON MONOXIDE | 37a. | PPM (VOL) | b. | <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR | c. |
| NITROGEN OXIDES | 38a. | PPM (VOL) | b. | <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR | c. |
| ORGANIC MATERIAL | 39a. | PPM (VOL) | b. | <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR | c. |
| SULFUR DIOXIDE | 40a. | PPM (VOL) | b. | <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR | c. |
| MAXIMUM OPERATION | | | | | |
| CONTAMINANT | CONCENTRATION OR EMISSION RATE PER IDENTICAL SOURCE | | | METHOD USED TO DETERMINE CONCENTRATION OR EMISSION RATE | |
| PARTICULATE MATTER | 41a. | GR/SCF | b. | <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR | .. |
| CARBON MONOXIDE | 42a. | PPM (VOL) | b. | <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR | c. |
| NITROGEN OXIDES | 43a. | PPM (VOL) | b. | <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR | c. |
| ORGANIC MATERIAL | 44a. | PPM (VOL) | b. | <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR | c. |
| SULFUR DIOXIDE | 45a. | PPM (VOL) | b. | <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR | c. |

*IF EMISSIONS ARE EXHAUSTED THROUGH AIR POLLUTION CONTROL EQUIPMENT, OR IF NATURAL GAS IS THE FUEL FIRED, ITEMS 36 THROUGH 47 NEED NOT BE COMPLETED.

| **EXHAUST POINT INFORMATION | | | |
|---|--------------|--|--------------|
| 46. FLOW DIAGRAM DESIGNATION(S) OF EXHAUST POINT: | | | |
| 47. DESCRIPTION OF EXHAUST POINT (LOCATION IN RELATION TO BUILDINGS, DIRECTION, HOODING, ETC.): | | | |
| 48. EXIT HEIGHT ABOVE GRADE: | 34 Ft. | 50. EXIT DIAMETER: | 8" |
| 49. GREATEST HEIGHT OF NEARBY BUILDINGS: | 25 FT | 51. EXIT DISTANCE FROM NEAREST PLANT BOUNDARY: | 35 FT |
| AVERAGE OPERATION | | MAXIMUM OPERATION | |
| 52. EXIT GAS TEMPERATURE: | Unknown °F | 54. EXIT GAS TEMPERATURE: | Unknown °F |
| 53. GAS FLOW RATE THROUGH EACH EXIT: | Unknown ACFM | 55. GAS FLOW RATE THROUGH EACH EXIT: | Unknown ACFM |

**IF EMISSIONS ARE EXHAUSTED THROUGH AIR POLLUTION CONTROL EQUIPMENT THIS SECTION SHOULD NOT BE COMPLETED.



STATE OF ILLINOIS
 ENVIRONMENTAL PROTECTION AGENCY
 DIVISION OF AIR POLLUTION CONTROL
 2200 CHURCHILL ROAD
 SPRINGFIELD, ILLINOIS 62706

This agency is authorized to require this information under Illinois Revised Statutes, 1973, Chapter III 1/2, Section 1039. Disclosure of this information is required under that section. Failure to do so may prevent this form from being processed and could result in your application being denied. This form has been approved by the Forms Management Center.

| | |
|---|--|
| <p>*DATA AND INFORMATION</p> <p>FUEL COMBUSTION EMISSION SOURCE</p> | |
|---|--|

*THIS INFORMATION FORM IS TO BE COMPLETED FOR A FURNACE, BOILER, OR SIMILAR EQUIPMENT USED FOR THE PRIMARY PURPOSE OF PRODUCING HEAT OR POWER BY INDIRECT HEAT TRANSFER. AN EMISSION SOURCE THAT DOES NOT FIT THIS DESCRIPTION, INCLUDING AN EMISSION SOURCE USING DIRECT HEATING, IS EITHER A PROCESS EMISSION SOURCE OR AN INCINERATOR.

| | |
|---|--|
| 1. NAME OF OWNER: Asphalt Materials, Inc. | 2. NAME OF CORPORATE DIVISION OR PLANT (IF DIFFERENT FROM OWNER): Emulsicoat, Inc. |
| 3. STREET ADDRESS OF EMISSION SOURCE: 705 East University Ave. | 4. CITY OF EMISSION SOURCE: Urbana |

GENERAL INFORMATION

| | | |
|---|--|---------------------------|
| 5. FLOW DIAGRAM DESIGNATION(S) OF EMISSION SOURCE: H-4 (903) | | |
| 6. MANUFACTURER: Brown | 7. MODEL NUMBER: 302 | 8. SERIAL NUMBER: X1079-5 |
| 9. AVERAGE OPERATING TIME OF EMISSION SOURCE: 12 HRS/DAY 7 DAYS/WK 40 WKS/YR | 10. MAXIMUM OPERATING TIME OF EMISSION SOURCE: 24 HRS/DAY 7 DAYS/WK 45 WKS/YR | |
| 11. PERCENT OF ANNUAL HEAT INPUT: DEC-FEB 1 % MAR-MAY 33 % JUN-AUG 33 % SEP-NOV 33 % | | |

INSTRUCTIONS

- COMPLETE THE ABOVE IDENTIFICATION AND GENERAL INFORMATION SECTION.
- COMPLETE THE APPROPRIATE FUEL SECTION OR SECTIONS. IF MORE THAN ONE FUEL IS FIRED OR IF THE CAPABILITY EXISTS TO FIRE MORE THAN ONE FUEL, THE ACTUAL USAGE OF FUELS AND THE RELATIONSHIP BETWEEN FUELS, SIMULTANEOUS FIRING, ALTERNATE FIRING, RESERVE FUEL, ETC., MUST BE MADE CLEAR.
- EMISSION AND EXHAUST POINT INFORMATION MUST BE COMPLETED, UNLESS EMISSIONS ARE EXHAUSTED THROUGH AIR POLLUTION CONTROL EQUIPMENT.
- FIRING RATES AND CERTAIN OTHER ITEMS REQUIRE BOTH AVERAGE AND MAXIMUM VALUES.
- FOR GENERAL INFORMATION REFER TO "GENERAL INSTRUCTIONS FOR PERMIT APPLICATIONS," APC-201.

DEFINITIONS

AVERAGE - THE VALUE THAT SUMMARIZES OR REPRESENTS THE GENERAL CONDITION OF THE EMISSION SOURCE, OR THE GENERAL STATE OF HEAT PRODUCTION OF THE EMISSION SOURCE. SPECIFICALLY:
 AVERAGE OPERATING TIME - ACTUAL TOTAL HOURS OF OPERATION FOR THE PRECEDING TWELVE MONTH PERIOD.
 AVERAGE RATE - ACTUAL TOTAL QUANTITY OF "MATERIAL" FOR THE PRECEDING TWELVE MONTH PERIOD, DIVIDED BY THE AVERAGE OPERATING TIME.
 AVERAGE OPERATION - OPERATION TYPICAL OF THE PRECEDING TWELVE MONTH PERIOD, AS REPRESENTED BY AVERAGE OPERATING TIME AND AVERAGE RATES.

MAXIMUM - THE GREATEST VALUE ATTAINABLE OR ATTAINED FROM THE EMISSION SOURCE, OR THE PERIOD OF GREATEST OR UTMOST HEAT PRODUCTION OF THE EMISSION SOURCE. SPECIFICALLY:
 MAXIMUM OPERATING TIME - GREATEST EXPECTED TOTAL HOURS OF OPERATION FOR ANY TWELVE MONTH PERIOD.
 MAXIMUM RATE - GREATEST QUANTITY OF "MATERIAL" EXPECTED PER ANY ONE HOUR OF OPERATION.
 MAXIMUM OPERATION - GREATEST EXPECTED OPERATION, AS REPRESENTED BY MAXIMUM OPERATING TIME AND MAXIMUM RATES.

| *EMISSION INFORMATION | | | | |
|---|--|---|---|--|
| 35. NUMBER OF IDENTICAL SOURCES (DESCRIBE AS REQUIRED): | | 8 | | |
| AVERAGE OPERATION | | | | |
| CONTAMINANT | 36a. CONCENTRATION OR EMISSION RATE PER IDENTICAL SOURCE | b. | METHOD USED TO DETERMINE CONCENTRATION OR EMISSION RATE | |
| PARTICULATE MATTER | GR/SCF | <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR | c. | |
| CARBON MONOXIDE | PPM (VOL) | <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR | c. | |
| NITROGEN OXIDES | PPM (VOL) | <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR | c. | |
| ORGANIC MATERIAL | PPM (VOL) | <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR | c. | |
| SULFUR DIOXIDE | PPM (VOL) | <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR | c. | |
| MAXIMUM OPERATION | | | | |
| CONTAMINANT | 41a. CONCENTRATION OR EMISSION RATE PER IDENTICAL SOURCE | b. | METHOD USED TO DETERMINE CONCENTRATION OR EMISSION RATE | |
| PARTICULATE MATTER | GR/SCF | <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR | c. | |
| CARBON MONOXIDE | PPM (VOL) | <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR | c. | |
| NITROGEN OXIDES | PPM (VOL) | <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR | c. | |
| ORGANIC MATERIAL | PPM (VOL) | <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR | c. | |
| SULFUR DIOXIDE | PPM (VOL) | <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR | c. | |

*IF EMISSIONS ARE EXHAUSTED THROUGH AIR POLLUTION CONTROL EQUIPMENT, OR IF NATURAL GAS IS THE FUEL FIRED, ITEMS 36 THROUGH 47 NEED NOT BE COMPLETED.

| **EXHAUST POINT INFORMATION | | | |
|---|--------------|--|--------------|
| 46. FLOW DIAGRAM DESIGNATION(S) OF EXHAUST POINT: | | | |
| 47. DESCRIPTION OF EXHAUST POINT (LOCATION IN RELATION TO BUILDINGS, DIRECTION, HOODING, ETC.): | | | |
| 48. EXIT HEIGHT ABOVE GRADE: | 33 Ft. | 50. EXIT DIAMETER: | 8" |
| 49. GREATEST HEIGHT OF NEARBY BUILDINGS: | 25 FT | 51. EXIT DISTANCE FROM NEAREST PLANT BOUNDARY: | 50 FT |
| AVERAGE OPERATION | | MAXIMUM OPERATION | |
| 52. EXIT GAS TEMPERATURE: | Unknown °F | 54. EXIT GAS TEMPERATURE: | Unknown °F |
| 53. GAS FLOW RATE THROUGH EACH EXIT: | Unknown ACFM | 55. GAS FLOW RATE THROUGH EACH EXIT: | Unknown ACFM |

**IF EMISSIONS ARE EXHAUSTED THROUGH AIR POLLUTION CONTROL EQUIPMENT THIS SECTION SHOULD NOT BE COMPLETED.



STATE OF ILLINOIS
 ENVIRONMENTAL PROTECTION AGENCY
 DIVISION OF AIR POLLUTION CONTROL
 2200 CHURCHILL ROAD
 SPRINGFIELD, ILLINOIS 62706

This agency is authorized to require this information under Illinois Revised Statutes, 1979, Chapter III, Section 1039. Disclosure of this information is required under that section. Failure to do so may prevent this form from being processed and could result in your application being denied. This form has been approved by the Forms Management Center.

*DATA AND INFORMATION
 FUEL COMBUSTION EMISSION SOURCE

*THIS INFORMATION FORM IS TO BE COMPLETED FOR A FURNACE, BOILER, OR SIMILAR EQUIPMENT USED FOR THE PRIMARY PURPOSE OF PRODUCING HEAT OR POWER BY INDIRECT HEAT TRANSFER. AN EMISSION SOURCE THAT DOES NOT FIT THIS DESCRIPTION, INCLUDING AN EMISSION SOURCE USING DIRECT HEATING, IS EITHER A PROCESS EMISSION SOURCE OR AN INCINERATOR.

| | |
|---|--|
| 1. NAME OF OWNER: Asphalt Materials, Inc. | 2. NAME OF CORPORATE DIVISION OR PLANT (IF DIFFERENT FROM OWNER): Emulsicoat, Inc. |
| 3. STREET ADDRESS OF EMISSION SOURCE: 705 East University Ave. | 4. CITY OF EMISSION SOURCE: Urbana |

| GENERAL INFORMATION | | |
|---|----------------------|--|
| 5. FLOW DIAGRAM DESIGNATION(S) OF EMISSION SOURCE: H-5 (904) | | |
| 6. MANUFACTURER: Brown | 7. MODEL NUMBER: 302 | 8. SERIAL NUMBER: B-855-89-1 |
| 9. AVERAGE OPERATING TIME OF EMISSION SOURCE: 12 HRS/DAY 7 DAYS/WK 40 WKS/YR | | 10. MAXIMUM OPERATING TIME OF EMISSION SOURCE: 24 HRS/DAY 7 DAYS/WK 45 WKS/YR |
| 11. PERCENT OF ANNUAL HEAT INPUT: DEC-FEB 1 % MAR-MAY 33 % JUN-AUG 33 % SEP-NOV 33 % | | |

| INSTRUCTIONS |
|---|
| 1. COMPLETE THE ABOVE IDENTIFICATION AND GENERAL INFORMATION SECTION. |
| 2. COMPLETE THE APPROPRIATE FUEL SECTION OR SECTIONS. IF MORE THAN ONE FUEL IS FIRED OR IF THE CAPABILITY EXISTS TO FIRE MORE THAN ONE FUEL, THE ACTUAL USAGE OF FUELS AND THE RELATIONSHIP BETWEEN FUELS, SIMULTANEOUS FIRING, ALTERNATE FIRING, RESERVE FUEL, ETC., MUST BE MADE CLEAR. |
| 3. EMISSION AND EXHAUST POINT INFORMATION MUST BE COMPLETED, UNLESS EMISSIONS ARE EXHAUSTED THROUGH AIR POLLUTION CONTROL EQUIPMENT. |
| 4. FIRING RATES AND CERTAIN OTHER ITEMS REQUIRE BOTH AVERAGE AND MAXIMUM VALUES. |
| 5. FOR GENERAL INFORMATION REFER TO "GENERAL INSTRUCTIONS FOR PERMIT APPLICATIONS," APC-201. |

| DEFINITIONS |
|---|
| AVERAGE - THE VALUE THAT SUMMARIZES OR REPRESENTS THE GENERAL CONDITION OF THE EMISSION SOURCE, OR THE GENERAL STATE OF HEAT PRODUCTION OF THE EMISSION SOURCE. SPECIFICALLY: AVERAGE OPERATING TIME - ACTUAL TOTAL HOURS OF OPERATION FOR THE PRECEDING TWELVE MONTH PERIOD. AVERAGE RATE - ACTUAL TOTAL QUANTITY OF "MATERIAL" FOR THE PRECEDING TWELVE MONTH PERIOD, DIVIDED BY THE AVERAGE OPERATING TIME. AVERAGE OPERATION - OPERATION TYPICAL OF THE PRECEDING TWELVE MONTH PERIOD, AS REPRESENTED BY AVERAGE OPERATING TIME AND AVERAGE RATES. |
| MAXIMUM - THE GREATEST VALUE ATTAINABLE OR ATTAINED FROM THE EMISSION SOURCE, OR THE PERIOD OF GREATEST OR UTMOST HEAT PRODUCTION OF THE EMISSION SOURCE. SPECIFICALLY: MAXIMUM OPERATING TIME - GREATEST EXPECTED TOTAL HOURS OF OPERATION FOR ANY TWELVE MONTH PERIOD. MAXIMUM RATE - GREATEST QUANTITY OF "MATERIAL" EXPECTED PER ANY ONE HOUR OF OPERATION. MAXIMUM OPERATION - GREATEST EXPECTED OPERATION, AS REPRESENTED BY MAXIMUM OPERATING TIME AND MAXIMUM RATES. |

| GAS FIRING | | | |
|--|--|--|--|
| *11. ORIGIN OF GAS: <input checked="" type="checkbox"/> PIPELINE <input type="checkbox"/> DISTILLATE FUEL OIL GASIFICATION <input type="checkbox"/> OTHER LIQUID FUEL GASIFICATION <input type="checkbox"/> SOLID FUEL GASIFICATION <input type="checkbox"/> BYPRODUCT: SPECIFY SOURCE _____ | | | |
| 12. ARE YOU ON AN INTERRUPTABLE GAS SUPPLY: <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO IF "YES", SPECIFY ALTERNATE FUEL: _____ | | | |
| 13. ANNUAL CONSUMPTION: 6,720,000 SCF | | * 14. HEAT CONTENT: _____ BTU/SCF | |
| 16. AVERAGE FIRING RATE: 1,000,000 BTU/HR | | * 15. SULFUR CONTENT: _____ %BY WT. | |
| | | 17. MAXIMUM FIRING RATE: 1,500,000 BTU/HR | |

*IF THE GAS FIRED IS NATURAL GAS, THESE ITEMS NEED NOT BE COMPLETED.

| OIL FIRING | | | |
|---|--|---|--|
| 18. TYPE OF OIL: GRADE NUMBER: <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 OTHER: SPECIFY _____ | | | |
| 19. ANNUAL CONSUMPTION: _____ GALLONS | | 20. HEAT CONTENT: _____ <input type="checkbox"/> BTU/LB <input type="checkbox"/> BTU/GAL | |
| 21. SULFUR CONTENT: _____ %BY WT | | 22. ASH CONTENT: _____ %BY WT | |
| 23. DIRECTION OF FIRING: <input type="checkbox"/> HORIZONTAL <input type="checkbox"/> TANGENTIAL <input type="checkbox"/> OTHER: SPECIFY _____ | | | |
| 24. AVERAGE FIRING RATE: _____ BTU/HR | | 25. MAXIMUM FIRING RATE: _____ BTU/HR | |

| SOLID FUEL FIRING | | | |
|--|--|---|--|
| 26. TYPE OF SOLID FUEL: <input type="checkbox"/> SUB-BITUMINOUS COAL <input type="checkbox"/> BITUMINOUS COAL <input type="checkbox"/> ANTHRACITE COAL <input type="checkbox"/> OTHER: SPECIFY _____ | | | |
| 27. ANNUAL CONSUMPTION: _____ TONS | | 28. HEAT CONTENT AS FIRED: _____ BTU/LB | |
| 29. MOISTURE CONTENT AS FIRED: _____ %BY WT | 30. ASH CONTENT AS FIRED: _____ %BY WT | 31. SULFUR CONTENT AS FIRED: _____ %BY WT | |
| 32. TYPE OF FIRING: <input type="checkbox"/> CYCLONE <input type="checkbox"/> PULVERIZED { <input type="checkbox"/> WET BOTTOM OR <input type="checkbox"/> DRY BOTTOM, <input type="checkbox"/> HORIZONTALLY OPPOSED OR <input type="checkbox"/> OTHER: SPECIFY _____ | | | |
| <input type="checkbox"/> SPREADER STOKER: % REINJECTION _____ <input type="checkbox"/> OTHER: SPECIFY _____ | | | |
| 33. AVERAGE FIRING RATE: _____ BTU/HR | | 34. MAXIMUM FIRING RATE: _____ BTU/HR | |

SUBMIT COPIES OF THOSE PORTIONS OF COAL OR OTHER SOLID FUEL CONTRACTS WHICH SET FORTH THE SPECIFICATIONS OF THE FUEL AND THE DURATION OF THE CONTRACT. IF THE ACTUAL FUEL FIRED IS A BLEND OF SOLID FUELS, SUBMIT APPROPRIATE PORTIONS OF ALL FUEL CONTRACTS AND SET FORTH THE MANNER IN WHICH THE FUELS ARE BLENDED AND ACTUALLY FIRED. REFERENCE THIS INFORMATION TO THIS FORM.

***EMISSION INFORMATION**

35. NUMBER OF IDENTICAL SOURCES (DESCRIBE AS REQUIRED): 8

AVERAGE OPERATION

| CONTAMINANT | CONCENTRATION OR EMISSION RATE PER IDENTICAL SOURCE | | b. | METHOD USED TO DETERMINE CONCENTRATION OR EMISSION RATE | |
|--------------------|---|-----------|---|---|----|
| | | | | <input type="checkbox"/> LB/10 ⁶ BTU | c. |
| PARTICULATE MATTER | 36a. | GR/SCF | <input type="checkbox"/> LB/HR | c. | |
| CARBON MONOXIDE | 37a. | PPM (VOL) | <input type="checkbox"/> LB/10 ⁶ BTU | c. | |
| NITROGEN OXIDES | 38a. | PPM (VOL) | <input type="checkbox"/> LB/HR | c. | |
| ORGANIC MATERIAL | 39a. | PPM (VOL) | <input type="checkbox"/> LB/10 ⁶ BTU | c. | |
| SULFUR DIOXIDE | 40a. | PPM (VOL) | <input type="checkbox"/> LB/HR | c. | |

MAXIMUM OPERATION

| CONTAMINANT | CONCENTRATION OR EMISSION RATE PER IDENTICAL SOURCE | | b. | METHOD USED TO DETERMINE CONCENTRATION OR EMISSION RATE | |
|--------------------|---|-----------|---|---|----|
| | | | | <input type="checkbox"/> LB/10 ⁶ BTU | c. |
| PARTICULATE MATTER | 41a. | GR/SCF | <input type="checkbox"/> LB/HR | c. | |
| CARBON MONOXIDE | 42a. | PPM (VOL) | <input type="checkbox"/> LB/10 ⁶ BTU | c. | |
| NITROGEN OXIDES | 43a. | PPM (VOL) | <input type="checkbox"/> LB/HR | c. | |
| ORGANIC MATERIAL | 44a. | PPM (VOL) | <input type="checkbox"/> LB/10 ⁶ BTU | c. | |
| SULFUR DIOXIDE | 45a. | PPM (VOL) | <input type="checkbox"/> LB/HR | c. | |

*IF EMISSIONS ARE EXHAUSTED THROUGH AIR POLLUTION CONTROL EQUIPMENT, OR IF NATURAL GAS IS THE FUEL FIRED, ITEMS 36 THROUGH 47 NEED NOT BE COMPLETED.

****EXHAUST POINT INFORMATION**

46. FLOW DIAGRAM DESIGNATION(S) OF EXHAUST POINT:

47. DESCRIPTION OF EXHAUST POINT (LOCATION IN RELATION TO BUILDINGS, DIRECTION, HOODING, ETC.):

| | | | |
|--|--------------|--|--------------|
| 48. EXIT HEIGHT ABOVE GRADE: | 51 Ft. | 50. EXIT DIAMETER: | 8" |
| 49. GREATEST HEIGHT OF NEARBY BUILDINGS: | 25 FT | 51. EXIT DISTANCE FROM NEAREST PLANT BOUNDARY: | 75 FT |
| AVERAGE OPERATION | | MAXIMUM OPERATION | |
| 52. EXIT GAS TEMPERATURE: | Unknown °F | 54. EXIT GAS TEMPERATURE: | Unknown °F |
| 53. GAS FLOW RATE THROUGH EACH EXIT: | Unknown ACFM | 55. GAS FLOW RATE THROUGH EACH EXIT: | Unknown ACFM |

**IF EMISSIONS ARE EXHAUSTED THROUGH AIR POLLUTION CONTROL EQUIPMENT THIS SECTION SHOULD NOT BE COMPLETED.



STATE OF ILLINOIS
 ENVIRONMENTAL PROTECTION AGENCY
 DIVISION OF AIR POLLUTION CONTROL
 2200 CHURCHILL ROAD
 SPRINGFIELD, ILLINOIS 62706

This agency is authorized to require this information under Illinois Revised Statutes, 1973, Chapter III 1/2, Section 1039. Disclosure of this information is required under that section. Failure to do so may prevent this form from being processed and could result in your application being denied. This form has been approved by the Forms Management Center.

| |
|---|
| <p>*DATA AND INFORMATION</p> <p>FUEL COMBUSTION EMISSION SOURCE</p> |
|---|

*THIS INFORMATION FORM IS TO BE COMPLETED FOR A FURNACE, BOILER, OR SIMILAR EQUIPMENT USED FOR THE PRIMARY PURPOSE OF PRODUCING HEAT OR POWER BY INDIRECT HEAT TRANSFER. AN EMISSION SOURCE THAT DOES NOT FIT THIS DESCRIPTION, INCLUDING AN EMISSION SOURCE USING DIRECT HEATING, IS EITHER A PROCESS EMISSION SOURCE OR AN INCINERATOR.

| | |
|--|--|
| <p>1. NAME OF OWNER: <u>Asphalt Materials, Inc.</u></p> | <p>2. NAME OF CORPORATE DIVISION OR PLANT (IF DIFFERENT FROM OWNER): <u>Emulsicoat, Inc.</u></p> |
| <p>3. STREET ADDRESS OF EMISSION SOURCE: <u>705 East University Ave.</u></p> | <p>4. CITY OF EMISSION SOURCE: <u>Urbana</u></p> |

| GENERAL INFORMATION | | |
|--|---|--|
| <p>5. FLOW DIAGRAM DESIGNATION(S) OF EMISSION SOURCE: <u>H-6 (904)</u></p> | | |
| <p>6. MANUFACTURER: <u>Brown</u></p> | <p>7. MODEL NUMBER: <u>302</u></p> | <p>8. SERIAL NUMBER: <u>B-855-89-2</u></p> |
| <p>9. AVERAGE OPERATING TIME OF EMISSION SOURCE: <u>12</u> HRS/DAY <u>7</u> DAYS/WK <u>40</u> WKS/YR</p> | <p>10. MAXIMUM OPERATING TIME OF EMISSION SOURCE: <u>24</u> HRS/DAY <u>7</u> DAYS/WK <u>45</u> WKS/YR</p> | |
| <p>11. PERCENT OF ANNUAL HEAT INPUT: DEC-FEB <u>1</u> % MAR-MAY <u>33</u> % JUN-AUG <u>33</u> % SEP-NOV <u>33</u> %</p> | | |

| INSTRUCTIONS |
|--|
| <ol style="list-style-type: none"> 1. COMPLETE THE ABOVE IDENTIFICATION AND GENERAL INFORMATION SECTION. 2. COMPLETE THE APPROPRIATE FUEL SECTION OR SECTIONS. IF MORE THAN ONE FUEL IS FIRED OR IF THE CAPABILITY EXISTS TO FIRE MORE THAN ONE FUEL, THE ACTUAL USAGE OF FUELS AND THE RELATIONSHIP BETWEEN FUELS, SIMULTANEOUS FIRING, ALTERNATE FIRING, RESERVE FUEL, ETC., MUST BE MADE CLEAR. 3. EMISSION AND EXHAUST POINT INFORMATION MUST BE COMPLETED, UNLESS EMISSIONS ARE EXHAUSTED THROUGH AIR POLLUTION CONTROL EQUIPMENT. 4. FIRING RATES AND CERTAIN OTHER ITEMS REQUIRE BOTH AVERAGE AND MAXIMUM VALUES. 5. FOR GENERAL INFORMATION REFER TO "GENERAL INSTRUCTIONS FOR PERMIT APPLICATIONS," APC-201. |

| DEFINITIONS |
|---|
| <p>AVERAGE - THE VALUE THAT SUMMARIZES OR REPRESENTS THE GENERAL CONDITION OF THE EMISSION SOURCE, OR THE GENERAL STATE OF HEAT PRODUCTION OF THE EMISSION SOURCE. SPECIFICALLY: AVERAGE OPERATING TIME - ACTUAL TOTAL HOURS OF OPERATION FOR THE PRECEDING TWELVE MONTH PERIOD. AVERAGE RATE - ACTUAL TOTAL QUANTITY OF "MATERIAL" FOR THE PRECEDING TWELVE MONTH PERIOD, DIVIDED BY THE AVERAGE OPERATING TIME. AVERAGE OPERATION - OPERATION TYPICAL OF THE PRECEDING TWELVE MONTH PERIOD, AS REPRESENTED BY AVERAGE OPERATING TIME AND AVERAGE RATES.</p> |
| <p>MAXIMUM - THE GREATEST VALUE ATTAINABLE OR ATTAINED FROM THE EMISSION SOURCE, OR THE PERIOD OF GREATEST OR UTMOST HEAT PRODUCTION OF THE EMISSION SOURCE. SPECIFICALLY: MAXIMUM OPERATING TIME - GREATEST EXPECTED TOTAL HOURS OF OPERATION FOR ANY TWELVE MONTH PERIOD. MAXIMUM RATE - GREATEST QUANTITY OF "MATERIAL" EXPECTED PER ANY ONE HOUR OF OPERATION. MAXIMUM OPERATION - GREATEST EXPECTED OPERATION, AS REPRESENTED BY MAXIMUM OPERATING TIME AND MAXIMUM RATES.</p> |

| GAS FIRING | | | |
|---|--|--|--|
| *11. ORIGIN OF GAS: <input checked="" type="checkbox"/> PIPELINE | | <input type="checkbox"/> DISTILLATE FUEL OIL GASIFICATION | <input type="checkbox"/> OTHER LIQUID FUEL GASIFICATION |
| | | <input type="checkbox"/> SOLID FUEL GASIFICATION | <input type="checkbox"/> BYPRODUCT: SPECIFY SOURCE |
| 12. ARE YOU ON AN INTERRUPTABLE GAS SUPPLY: <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | | | |
| IF "YES", SPECIFY ALTERNATE FUEL: _____ | | | |
| 13. ANNUAL CONSUMPTION: 6,720,000 SCF | 14. HEAT CONTENT: BTU/SCF | | 15. SULFUR CONTENT: %BY WT. |
| 16. AVERAGE FIRING RATE: 1,000,000 BTU/HR | 17. MAXIMUM FIRING RATE: 1,500,000 BTU/HR | | |

*IF THE GAS FIRED IS NATURAL GAS, THESE ITEMS NEED NOT BE COMPLETED.

| OIL FIRING | | | |
|--|--|----------------------|--|
| 18. TYPE OF OIL: GRADE NUMBER: <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 | | | |
| | | OTHER: SPECIFY _____ | |
| 19. ANNUAL CONSUMPTION: GALLONS | 20. HEAT CONTENT: BTU/LB BTU/GAL | | |
| 21. SULFUR CONTENT: %BY WT | 22. ASH CONTENT: %BY WT | | |
| 23. DIRECTION OF FIRING: <input type="checkbox"/> HORIZONTAL <input type="checkbox"/> TANGENTIAL <input type="checkbox"/> OTHER: SPECIFY _____ | | | |
| 24. AVERAGE FIRING RATE: BTU/HR | 25. MAXIMUM FIRING RATE: BTU/HR | | |

| SOLID FUEL FIRING | | | |
|---|-------------------------------------|--|--|
| 26. TYPE OF SOLID FUEL: <input type="checkbox"/> SUB-BITUMINOUS COAL <input type="checkbox"/> BITUMINOUS COAL <input type="checkbox"/> ANTHRACITE COAL <input type="checkbox"/> OTHER: SPECIFY _____ | | | |
| 27. ANNUAL CONSUMPTION: TONS | | 28. HEAT CONTENT AS FIRED: BTU/LB | |
| 29. MOISTURE CONTENT AS FIRED: %BY WT | 30. ASH CONTENT AS FIRED: %BY WT | 31. SULFUR CONTENT AS FIRED: %BY WT | |
| 32. TYPE OF FIRING: <input type="checkbox"/> CYCLONE <input type="checkbox"/> PULVERIZED { <input type="checkbox"/> WET BOTTOM OR <input type="checkbox"/> DRY BOTTOM, <input type="checkbox"/> HORIZONTALLY OPPOSED OR <input type="checkbox"/> OTHER: SPECIFY _____ | | | |
| <input type="checkbox"/> SPREADER STOKER: % REINJECTION _____ <input type="checkbox"/> OTHER: SPECIFY _____ | | | |
| 33. AVERAGE FIRING RATE: BTU/HR | 34. MAXIMUM FIRING RATE: BTU/HR | | |

SUBMIT COPIES OF THOSE PORTIONS OF COAL OR OTHER SOLID FUEL CONTRACTS WHICH SET FORTH THE SPECIFICATIONS OF THE FUEL AND THE DURATION OF THE CONTRACT. IF THE ACTUAL FUEL FIRED IS A BLEND OF SOLID FUELS, SUBMIT APPROPRIATE PORTIONS OF ALL FUEL CONTRACTS AND SET FORTH THE MANNER IN WHICH THE FUELS ARE BLENDED AND ACTUALLY FIRED. REFERENCE THIS INFORMATION TO THIS FORM.

***EMISSION INFORMATION**

35. NUMBER OF IDENTICAL SOURCES (DESCRIBE AS REQUIRED): 8

AVERAGE OPERATION

| CONTAMINANT | CONCENTRATION OR EMISSION RATE PER IDENTICAL SOURCE | | | METHOD USED TO DETERMINE CONCENTRATION OR EMISSION RATE |
|--------------------|---|-----------|--|---|
| | | | | |
| PARTICULATE MATTER | 36a. | GR/SCF | b. <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR | c. |
| CARBON MONOXIDE | 37a. | PPM (VOL) | b. <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR | c. |
| NITROGEN OXIDES | 38a. | PPM (VOL) | b. <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR | c. |
| ORGANIC MATERIAL | 39a. | PPM (VOL) | b. <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR | c. |
| SULFUR DIOXIDE | 40a. | PPM (VOL) | b. <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR | c. |

MAXIMUM OPERATION

| CONTAMINANT | CONCENTRATION OR EMISSION RATE PER IDENTICAL SOURCE | | | METHOD USED TO DETERMINE CONCENTRATION OR EMISSION RATE |
|--------------------|---|-----------|--|---|
| | | | | |
| PARTICULATE MATTER | 41a. | GR/SCF | b. <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR | c. |
| CARBON MONOXIDE | 42a. | PPM (VOL) | b. <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR | c. |
| NITROGEN OXIDES | 43a. | PPM (VOL) | b. <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR | c. |
| ORGANIC MATERIAL | 44a. | PPM (VOL) | b. <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR | c. |
| SULFUR DIOXIDE | 45a. | PPM (VOL) | b. <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR | c. |

*IF EMISSIONS ARE EXHAUSTED THROUGH AIR POLLUTION CONTROL EQUIPMENT, OR IF NATURAL GAS IS THE FUEL FIRED, ITEMS 36 THROUGH 47 NEED NOT BE COMPLETED.

****EXHAUST POINT INFORMATION**

46. FLOW DIAGRAM DESIGNATION(S) OF EXHAUST POINT:

47. DESCRIPTION OF EXHAUST POINT (LOCATION IN RELATION TO BUILDINGS, DIRECTION, HOODING, ETC.):

| | | | |
|--|--------------|--|--------------|
| 48. EXIT HEIGHT ABOVE GRADE: | 51 Ft. | 50. EXIT DIAMETER: | 8 " |
| 49. GREATEST HEIGHT OF NEARBY BUILDINGS: | 25 FT | 51. EXIT DISTANCE FROM NEAREST PLANT BOUNDARY: | 75 FT |
| AVERAGE OPERATION | | MAXIMUM OPERATION | |
| 52. EXIT GAS TEMPERATURE: | Unknown °F | 54. EXIT GAS TEMPERATURE: | Unknown °F |
| 53. GAS FLOW RATE THROUGH EACH EXIT: | Unknown ACFM | 55. GAS FLOW RATE THROUGH EACH EXIT: | Unknown ACFM |

**IF EMISSIONS ARE EXHAUSTED THROUGH AIR POLLUTION CONTROL EQUIPMENT THIS SECTION SHOULD NOT BE COMPLETED.

This agency is authorized to require this information under Illinois Revised Statutes, 1979, Chapter III 1/2, Section 1039. Disclosure of this information is required under that section. Failure to do so may prevent this form from being processed and could result in your application being denied. This form has been approved by the Forms Management Center.



STATE OF ILLINOIS
 ENVIRONMENTAL PROTECTION AGENCY
 DIVISION OF AIR POLLUTION CONTROL
 2200 CHURCHILL ROAD
 SPRINGFIELD, ILLINOIS 62706

| | |
|---|--|
| <p>*DATA AND INFORMATION</p> <p>FUEL COMBUSTION EMISSION SOURCE</p> | |
|---|--|

*THIS INFORMATION FORM IS TO BE COMPLETED FOR A FURNACE, BOILER, OR SIMILAR EQUIPMENT USED FOR THE PRIMARY PURPOSE OF PRODUCING HEAT OR POWER BY INDIRECT HEAT TRANSFER. AN EMISSION SOURCE THAT DOES NOT FIT THIS DESCRIPTION, INCLUDING AN EMISSION SOURCE USING DIRECT HEATING, IS EITHER A PROCESS EMISSION SOURCE OR AN INCINERATOR.

| | |
|--|--|
| 1. NAME OF OWNER: Asphalt Materials, Inc. | 2. NAME OF CORPORATE DIVISION OR PLANT (IF DIFFERENT FROM OWNER): Emulsicoat, Inc. |
| 3. STREET ADDRESS OF EMISSION SOURCE: 705 East University Ave. | 4. CITY OF EMISSION SOURCE: Urbana |

GENERAL INFORMATION

| | |
|---|--|
| 5. FLOW DIAGRAM DESIGNATION(S) OF EMISSION SOURCE: H-7 (907) | |
| 6. MANUFACTURER: Brown | 7. MODEL NUMBER: 302 |
| | 8. SERIAL NUMBER: B-855-89-3 |
| 9. AVERAGE OPERATING TIME OF EMISSION SOURCE: 12 HRS/DAY 7 DAYS/WK 40 WKS/YR | 10. MAXIMUM OPERATING TIME OF EMISSION SOURCE: 24 HRS/DAY 7 DAYS/WK 45 WKS/YR |
| 11. PERCENT OF ANNUAL HEAT INPUT: DEC-FEB 1 % MAR-MAY 33 % JUN-AUG 33 % SEP-NOV 33 % | |

INSTRUCTIONS

1. COMPLETE THE ABOVE IDENTIFICATION AND GENERAL INFORMATION SECTION.
2. COMPLETE THE APPROPRIATE FUEL SECTION OR SECTIONS. IF MORE THAN ONE FUEL IS FIRED OR IF THE CAPABILITY EXISTS TO FIRE MORE THAN ONE FUEL, THE ACTUAL USAGE OF FUELS AND THE RELATIONSHIP BETWEEN FUELS, SIMULTANEOUS FIRING, ALTERNATE FIRING, RESERVE FUEL, ETC., MUST BE MADE CLEAR.
3. EMISSION AND EXHAUST POINT INFORMATION MUST BE COMPLETED, UNLESS EMISSIONS ARE EXHAUSTED THROUGH AIR POLLUTION CONTROL EQUIPMENT.
4. FIRING RATES AND CERTAIN OTHER ITEMS REQUIRE BOTH AVERAGE AND MAXIMUM VALUES.
5. FOR GENERAL INFORMATION REFER TO "GENERAL INSTRUCTIONS FOR PERMIT APPLICATIONS," APC-201.

DEFINITIONS

AVERAGE - THE VALUE THAT SUMMARIZES OR REPRESENTS THE GENERAL CONDITION OF THE EMISSION SOURCE, OR THE GENERAL STATE OF HEAT PRODUCTION OF THE EMISSION SOURCE. SPECIFICALLY:
 AVERAGE OPERATING TIME - ACTUAL TOTAL HOURS OF OPERATION FOR THE PRECEDING TWELVE MONTH PERIOD.
 AVERAGE RATE - ACTUAL TOTAL QUANTITY OF "MATERIAL" FOR THE PRECEDING TWELVE MONTH PERIOD, DIVIDED BY THE AVERAGE OPERATING TIME.
 AVERAGE OPERATION - OPERATION TYPICAL OF THE PRECEDING TWELVE MONTH PERIOD, AS REPRESENTED BY AVERAGE OPERATING TIME AND AVERAGE RATES.

MAXIMUM - THE GREATEST VALUE ATTAINABLE OR ATTAINED FROM THE EMISSION SOURCE, OR THE PERIOD OF GREATEST OR UTMOST HEAT PRODUCTION OF THE EMISSION SOURCE. SPECIFICALLY:
 MAXIMUM OPERATING TIME - GREATEST EXPECTED TOTAL HOURS OF OPERATION FOR ANY TWELVE MONTH PERIOD.
 MAXIMUM RATE - GREATEST QUANTITY OF "MATERIAL" EXPECTED PER ANY ONE HOUR OF OPERATION.
 MAXIMUM OPERATION - GREATEST EXPECTED OPERATION, AS REPRESENTED BY MAXIMUM OPERATING TIME AND MAXIMUM RATES.

| GAS FIRING | | | |
|--|--|---|----------------------------------|
| *11. ORIGIN OF GAS: <input checked="" type="checkbox"/> PIPELINE <input type="checkbox"/> DISTILLATE FUEL OIL GASIFICATION <input type="checkbox"/> OTHER LIQUID FUEL GASIFICATION <input type="checkbox"/> SOLID FUEL GASIFICATION <input type="checkbox"/> BYPRODUCT: SPECIFY SOURCE | | | |
| 12. ARE YOU ON AN INTERRUPTABLE GAS SUPPLY: <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO IF "YES", SPECIFY ALTERNATE FUEL: _____ | | | |
| 13. ANNUAL CONSUMPTION: 6,720,000 SCF | | * 14. HEAT CONTENT: BTU/SCF | * 15. SULFUR CONTENT: %BY WT. |
| 16. AVERAGE FIRING RATE: 1,000,000 BTU/HR | | 17. MAXIMUM FIRING RATE: 1,500,000 BTU/HR | |

*IF THE GAS FIRED IS NATURAL GAS, THESE ITEMS NEED NOT BE COMPLETED.

| OIL FIRING | | | |
|--|--|--|--|
| 18. TYPE OF OIL: GRADE NUMBER: <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 OTHER: SPECIFY _____ | | | |
| 19. ANNUAL CONSUMPTION: GALLONS | | 20. HEAT CONTENT: <input type="checkbox"/> BTU/LB <input type="checkbox"/> BTU/GAL | |
| 21. SULFUR CONTENT: %BY WT | | 22. ASH CONTENT: %BY WT | |
| 23. DIRECTION OF FIRING: <input type="checkbox"/> HORIZONTAL <input type="checkbox"/> TANGENTIAL <input type="checkbox"/> OTHER: SPECIFY _____ | | | |
| 24. AVERAGE FIRING RATE: BTU/HR | | 25. MAXIMUM FIRING RATE: BTU/HR | |

| SOLID FUEL FIRING | | | |
|--|-------------------------------------|--|--|
| 26. TYPE OF SOLID FUEL: <input type="checkbox"/> SUB-BITUMINOUS COAL <input type="checkbox"/> BITUMINOUS COAL <input type="checkbox"/> ANTHRACITE COAL <input type="checkbox"/> OTHER: SPECIFY _____ | | | |
| 27. ANNUAL CONSUMPTION: TONS | | 28. HEAT CONTENT AS FIRED: BTU/LB | |
| 29. MOISTURE CONTENT AS FIRED: %BY WT | 30. ASH CONTENT AS FIRED: %BY WT | 31. SULFUR CONTENT AS FIRED: %BY WT | |
| 32. TYPE OF FIRING: <input type="checkbox"/> CYCLONE <input type="checkbox"/> PULVERIZED { <input type="checkbox"/> WET BOTTOM OR <input type="checkbox"/> DRY BOTTOM, <input type="checkbox"/> HORIZONTALLY OPPOSED OR <input type="checkbox"/> OTHER: SPECIFY _____ <input type="checkbox"/> SPREADER STOKER: % REINJECTION _____ <input type="checkbox"/> OTHER: SPECIFY _____ | | | |
| 33. AVERAGE FIRING RATE: BTU/HR | | 34. MAXIMUM FIRING RATE: BTU/HR | |

SUBMIT COPIES OF THOSE PORTIONS OF COAL OR OTHER SOLID FUEL CONTRACTS WHICH SET FORTH THE SPECIFICATIONS OF THE FUEL AND THE DURATION OF THE CONTRACT. IF THE ACTUAL FUEL FIRED IS A BLEND OF SOLID FUELS, SUBMIT APPROPRIATE PORTIONS OF ALL FUEL CONTRACTS AND SET FORTH THE MANNER IN WHICH THE FUELS ARE BLENDED AND ACTUALLY FIRED. REFERENCE THIS INFORMATION TO THIS FORM.

***EMISSION INFORMATION**

35. NUMBER OF IDENTICAL SOURCES (DESCRIBE AS REQUIRED):

8

AVERAGE OPERATION

| CONTAMINANT | CONCENTRATION OR EMISSION RATE PER IDENTICAL SOURCE | | b. | METHOD USED TO DETERMINE CONCENTRATION OR EMISSION RATE | |
|--------------------|---|-----------|---|---|--|
| | a. | | | c. | |
| PARTICULATE MATTER | 36a. | GR/SCF | <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR | c. | |
| CARBON MONOXIDE | 37a. | PPM (VOL) | <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR | c. | |
| NITROGEN OXIDES | 38a. | PPM (VOL) | <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR | c. | |
| ORGANIC MATERIAL | 39a. | PPM (VOL) | <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR | c. | |
| SULFUR DIOXIDE | 40a. | PPM (VOL) | <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR | c. | |

MAXIMUM OPERATION

| CONTAMINANT | CONCENTRATION OR EMISSION RATE PER IDENTICAL SOURCE | | b. | METHOD USED TO DETERMINE CONCENTRATION OR EMISSION RATE | |
|--------------------|---|-----------|---|---|--|
| | a. | | | c. | |
| PARTICULATE MATTER | 41a. | GR/SCF | <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR | c. | |
| CARBON MONOXIDE | 42a. | PPM (VOL) | <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR | c. | |
| NITROGEN OXIDES | 43a. | PPM (VOL) | <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR | c. | |
| ORGANIC MATERIAL | 44a. | PPM (VOL) | <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR | c. | |
| SULFUR DIOXIDE | 45a. | PPM (VOL) | <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR | c. | |

*IF EMISSIONS ARE EXHAUSTED THROUGH AIR POLLUTION CONTROL EQUIPMENT, OR IF NATURAL GAS IS THE FUEL FIRED, ITEMS 36 THROUGH 47 NEED NOT BE COMPLETED.

****EXHAUST POINT INFORMATION**

46. FLOW DIAGRAM DESIGNATION(S) OF EXHAUST POINT:

47. DESCRIPTION OF EXHAUST POINT (LOCATION IN RELATION TO BUILDINGS, DIRECTION, HOODING, ETC.):

| | | | |
|--|--------------|--|--------------|
| 48. EXIT HEIGHT ABOVE GRADE: | 51 Ft. | 50. EXIT DIAMETER: | 8 " |
| 49. GREATEST HEIGHT OF NEARBY BUILDINGS: | 25 FT | 51. EXIT DISTANCE FROM NEAREST PLANT BOUNDARY: | 75 FT |
| AVERAGE OPERATION | | MAXIMUM OPERATION | |
| 52. EXIT GAS TEMPERATURE: | Unknown °F | 54. EXIT GAS TEMPERATURE: | Unknown °F |
| 53. GAS FLOW RATE THROUGH EACH EXIT: | Unknown ACFM | 55. GAS FLOW RATE THROUGH EACH EXIT: | Unknown ACFM |

**IF EMISSIONS ARE EXHAUSTED THROUGH AIR POLLUTION CONTROL EQUIPMENT THIS SECTION SHOULD NOT BE COMPLETED.



STATE OF ILLINOIS
 ENVIRONMENTAL PROTECTION AGENCY
 DIVISION OF AIR POLLUTION CONTROL
 2200 CHURCHILL ROAD
 SPRINGFIELD, ILLINOIS 62706

This agency is authorized to require this information under Illinois Revised Statutes, 1973, Chapter III 1/2, Section 1039. Disclosure of this information is required under that section. Failure to do so may prevent this form from being processed and could result in your application being denied. This form has been approved by the Forms Management Center.

*DATA AND INFORMATION
 FUEL COMBUSTION EMISSION SOURCE

*THIS INFORMATION FORM IS TO BE COMPLETED FOR A FURNACE, BOILER, OR SIMILAR EQUIPMENT USED FOR THE PRIMARY PURPOSE OF PRODUCING HEAT OR POWER BY INDIRECT HEAT TRANSFER. AN EMISSION SOURCE THAT DOES NOT FIT THIS DESCRIPTION, INCLUDING AN EMISSION SOURCE USING DIRECT HEATING, IS EITHER A PROCESS EMISSION SOURCE OR AN INCINERATOR.

| | |
|--|--|
| 1. NAME OF OWNER: Asphalt Materials, Inc. | 2. NAME OF CORPORATE DIVISION OR PLANT (IF DIFFERENT FROM OWNER): Emulsicoat, Inc. |
| 3. STREET ADDRESS OF EMISSION SOURCE: 705 East University Ave. | 4. CITY OF EMISSION SOURCE: Urbana |

GENERAL INFORMATION

| | | |
|---|----------------------|---|
| 5. FLOW DIAGRAM DESIGNATION(S) OF EMISSION SOURCE: H-8 (907) | | |
| 6. MANUFACTURER: Brown | 7. MODEL NUMBER: 302 | 8. SERIAL NUMBER: B-855-89-4 |
| 9. AVERAGE OPERATING TIME OF EMISSION SOURCE: 12 HRS/DAY 7 DAYS/WK 40 WKS/YR | | 10. MAXIMUM OPERATING TIME OF EMISSION SOURCE: 24 HRS/DAY 7 DAYS/WK 45 WKS/YR |
| 11. PERCENT OF ANNUAL HEAT INPUT: DEC-FEB 1 % MAR-MAY 33 % JUN-AUG 33 % SEP-NOV 33 % | | |

INSTRUCTIONS

1. COMPLETE THE ABOVE IDENTIFICATION AND GENERAL INFORMATION SECTION.
2. COMPLETE THE APPROPRIATE FUEL SECTION OR SECTIONS. IF MORE THAN ONE FUEL IS FIRED OR IF THE CAPABILITY EXISTS TO FIRE MORE THAN ONE FUEL, THE ACTUAL USAGE OF FUELS AND THE RELATIONSHIP BETWEEN FUELS, SIMULTANEOUS FIRING, ALTERNATE FIRING, RESERVE FUEL, ETC., MUST BE MADE CLEAR.
3. EMISSION AND EXHAUST POINT INFORMATION MUST BE COMPLETED, UNLESS EMISSIONS ARE EXHAUSTED THROUGH AIR POLLUTION CONTROL EQUIPMENT.
4. FIRING RATES AND CERTAIN OTHER ITEMS REQUIRE BOTH AVERAGE AND MAXIMUM VALUES.
5. FOR GENERAL INFORMATION REFER TO "GENERAL INSTRUCTIONS FOR PERMIT APPLICATIONS," APC-201.

DEFINITIONS

AVERAGE - THE VALUE THAT SUMMARIZES OR REPRESENTS THE GENERAL CONDITION OF THE EMISSION SOURCE, OR THE GENERAL STATE OF HEAT PRODUCTION OF THE EMISSION SOURCE. SPECIFICALLY:
 AVERAGE OPERATING TIME - ACTUAL TOTAL HOURS OF OPERATION FOR THE PRECEDING TWELVE MONTH PERIOD.
 AVERAGE RATE - ACTUAL TOTAL QUANTITY OF "MATERIAL" FOR THE PRECEDING TWELVE MONTH PERIOD, DIVIDED BY THE AVERAGE OPERATING TIME.
 AVERAGE OPERATION - OPERATION TYPICAL OF THE PRECEDING TWELVE MONTH PERIOD, AS REPRESENTED BY AVERAGE OPERATING TIME AND AVERAGE RATES.

MAXIMUM - THE GREATEST VALUE ATTAINABLE OR ATTAINED FROM THE EMISSION SOURCE, OR THE PERIOD OF GREATEST OR UTMOST HEAT PRODUCTION OF THE EMISSION SOURCE. SPECIFICALLY:
 MAXIMUM OPERATING TIME - GREATEST EXPECTED TOTAL HOURS OF OPERATION FOR ANY TWELVE MONTH PERIOD.
 MAXIMUM RATE - GREATEST QUANTITY OF "MATERIAL" EXPECTED PER ANY ONE HOUR OF OPERATION.
 MAXIMUM OPERATION - GREATEST EXPECTED OPERATION, AS REPRESENTED BY MAXIMUM OPERATING TIME AND MAXIMUM RATES.

| GAS FIRING | | | |
|--|--|--|----------------------------------|
| *11. ORIGIN OF GAS: <input checked="" type="checkbox"/> PIPELINE <input type="checkbox"/> DISTILLATE FUEL OIL GASIFICATION <input type="checkbox"/> OTHER LIQUID FUEL GASIFICATION <input type="checkbox"/> SOLID FUEL GASIFICATION <input type="checkbox"/> BYPRODUCT: SPECIFY SOURCE | | | |
| 12. ARE YOU ON AN INTERRUPTABLE GAS SUPPLY: <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO IF "YES", SPECIFY ALTERNATE FUEL: _____ | | | |
| 13. ANNUAL CONSUMPTION: 6,720,000 SCF | | 14. HEAT CONTENT: BTU/SCF | * 15. SULFUR CONTENT: %BY WT. |
| 16. AVERAGE FIRING RATE: 1,000,000 BTU/HR | | 17. MAXIMUM FIRING RATE: 1,500,000 BTU/HR | |

*IF THE GAS FIRED IS NATURAL GAS, THESE ITEMS NEED NOT BE COMPLETED.

| OIL FIRING | | | |
|---|--|--|--|
| 18. TYPE OF OIL: GRADE NUMBER: <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 OTHER: SPECIFY _____ | | | |
| 19. ANNUAL CONSUMPTION: GALLONS | | 20. HEAT CONTENT: <input type="checkbox"/> BTU/LB <input type="checkbox"/> BTU/GAL | |
| 21. SULFUR CONTENT: %BY WT | | 22. ASH CONTENT: %BY WT | |
| 23. DIRECTION OF FIRING: <input type="checkbox"/> HORIZONTAL <input type="checkbox"/> TANGENTIAL <input type="checkbox"/> OTHER: SPECIFY _____ | | | |
| 24. AVERAGE FIRING RATE: BTU/HR | | 25. MAXIMUM FIRING RATE: BTU/HR | |

| SOLID FUEL FIRING | | | |
|--|-------------------------------------|--|--|
| 26. TYPE OF SOLID FUEL: <input type="checkbox"/> SUB-BITUMINOUS COAL <input type="checkbox"/> BITUMINOUS COAL <input type="checkbox"/> ANTHRACITE COAL <input type="checkbox"/> OTHER: SPECIFY _____ | | | |
| 27. ANNUAL CONSUMPTION: TONS | | 28. HEAT CONTENT AS FIRED: BTU/LB | |
| 29. MOISTURE CONTENT AS FIRED: %BY WT | 30. ASH CONTENT AS FIRED: %BY WT | 31. SULFUR CONTENT AS FIRED: %BY WT | |
| 32. TYPE OF FIRING: <input type="checkbox"/> CYCLONE <input type="checkbox"/> PULVERIZED { <input type="checkbox"/> WET BOTTOM OR <input type="checkbox"/> DRY BOTTOM, <input type="checkbox"/> HORIZONTALLY OPPOSED OR <input type="checkbox"/> OTHER: SPECIFY _____ <input type="checkbox"/> SPREADER STOKER: % REINJECTION _____ <input type="checkbox"/> OTHER: SPECIFY _____ | | | |
| 33. AVERAGE FIRING RATE: BTU/HR | | 34. MAXIMUM FIRING RATE: BTU/HR | |

SUBMIT COPIES OF THOSE PORTIONS OF COAL OR OTHER SOLID FUEL CONTRACTS WHICH SET FORTH THE SPECIFICATIONS OF THE FUEL AND THE DURATION OF THE CONTRACT. IF THE ACTUAL FUEL FIRED IS A BLEND OF SOLID FUELS, SUBMIT APPROPRIATE PORTIONS OF ALL FUEL CONTRACTS AND SET FORTH THE MANNER IN WHICH THE FUELS ARE BLENDED AND ACTUALLY FIRED. REFERENCE THIS INFORMATION TO THIS FORM.

| *EMISSION INFORMATION | | | | | |
|---|---|-----------|----|---|----|
| 35. NUMBER OF IDENTICAL SOURCES (DESCRIBE AS REQUIRED): | | | | | |
| 8 | | | | | |
| AVERAGE OPERATION | | | | | |
| CONTAMINANT | CONCENTRATION OR EMISSION RATE PER IDENTICAL SOURCE | | | METHOD USED TO DETERMINE CONCENTRATION OR EMISSION RATE | |
| PARTICULATE MATTER | 36a. | GR/SCF | b. | <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR | c. |
| CARBON MONOXIDE | 37a. | PPM (VOL) | b. | <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR | c. |
| NITROGEN OXIDES | 38a. | PPM (VOL) | b. | <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR | c. |
| ORGANIC MATERIAL | 39a. | PPM (VOL) | b. | <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR | c. |
| SULFUR DIOXIDE | 40a. | PPM (VOL) | b. | <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR | c. |
| MAXIMUM OPERATION | | | | | |
| CONTAMINANT | CONCENTRATION OR EMISSION RATE PER IDENTICAL SOURCE | | | METHOD USED TO DETERMINE CONCENTRATION OR EMISSION RATE | |
| PARTICULATE MATTER | 41a. | GR/SCF | b. | <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR | .. |
| CARBON MONOXIDE | 42a. | PPM (VOL) | b. | <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR | c. |
| NITROGEN OXIDES | 43a. | PPM (VOL) | b. | <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR | c. |
| ORGANIC MATERIAL | 44a. | PPM (VOL) | b. | <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR | c. |
| SULFUR DIOXIDE | 45a. | PPM (VOL) | b. | <input type="checkbox"/> LB/10 ⁶ BTU <input type="checkbox"/> LB/HR | c. |

*IF EMISSIONS ARE EXHAUSTED THROUGH AIR POLLUTION CONTROL EQUIPMENT, OR IF NATURAL GAS IS THE FUEL FIRED, ITEMS 36 THROUGH 47 NEED NOT BE COMPLETED.

| **EXHAUST POINT INFORMATION | | | |
|---|--------------|--|--------------|
| 46. FLOW DIAGRAM DESIGNATION(S) OF EXHAUST POINT: | | | |
| 47. DESCRIPTION OF EXHAUST POINT (LOCATION IN RELATION TO BUILDINGS, DIRECTION, HOODING, ETC.): | | | |
| 48. EXIT HEIGHT ABOVE GRADE: | 51 Ft. | 50. EXIT DIAMETER: | 8" |
| 49. GREATEST HEIGHT OF NEARBY BUILDINGS: | 25 FT | 51. EXIT DISTANCE FROM NEAREST PLANT BOUNDARY: | 35 FT |
| AVERAGE OPERATION | | MAXIMUM OPERATION | |
| 52. EXIT GAS TEMPERATURE: | Unknown °F | 54. EXIT GAS TEMPERATURE: | Unknown °F |
| 53. GAS FLOW RATE THROUGH EACH EXIT: | Unknown ACFM | 55. GAS FLOW RATE THROUGH EACH EXIT: | Unknown ACFM |

**IF EMISSIONS ARE EXHAUSTED THROUGH AIR POLLUTION CONTROL EQUIPMENT THIS SECTION SHOULD NOT BE COMPLETED.

This Agency is authorized to require this information under Illinois Revised Statutes, 1979, Chapter 111 1/2, Section 1039. Disclosure of this information is required under that Section. Failure to do so may prevent this form from being processed and could result in your application being denied. This form has been approved by the Forms Management Center.



STATE OF ILLINOIS
 ENVIRONMENTAL PROTECTION AGENCY
 DIVISION OF AIR POLLUTION CONTROL
 2200 CHURCHILL ROAD
 SPRINGFIELD, ILLINOIS 62706

| | |
|--|---------------------|
| PROCESS EMISSION SOURCE ADDENDUM TANK | FOR AGENCY USE ONLY |
|--|---------------------|

| | |
|---|---|
| 1. NAME OF OWNER: Asphalt Materials, Inc. | 2. NAME OF CORPORATE DIVISION OR PLANT (IF DIFFERENT FROM OWNER): Emulsicoat |
| 3. STREET ADDRESS OF EMISSION SOURCE: 705 East University Ave. | 4. CITY OF EMISSION SOURCE: Urbana |

| TANK INFORMATION | | | |
|--|--|--|--|
| 5. NAME OF TANK MANUFACTURER: Certified Tank Co. | 6. DESIGNATION OF TANK: Tank # 01 | | |
| 7. SERIAL NUMBER: none | 8. CAPACITY: 25,000 gallons | | |
| 9. TANK USE: storage of # 2 Fuel Oil | 10. NUMBER OF SAME CAPACITY TANKS STORING SAME MATERIAL: 1 | | |
| 11. TANK SHAPE: <input type="checkbox"/> HORIZONTAL <input checked="" type="checkbox"/> CYLINDRICAL <input type="checkbox"/> SPHERICAL <input type="checkbox"/> OTHER(SPECIFY) _____ | | | |
| 12. TANK DIAMETER: 12 FT | 13. TANK HEIGHT: 27 FT | 14. TANK LENGTH: N/A FT | |
| 15. STATUS: <input checked="" type="checkbox"/> EXISTING <input type="checkbox"/> ALTERATION | | 16. TANK TYPE: <input type="checkbox"/> PRESSURE <input checked="" type="checkbox"/> FIXED ROOF <input type="checkbox"/> FLOATING ROOF <input type="checkbox"/> OTHER(SPECIFY) _____ | |
| 17. SEAL: N/A <input type="checkbox"/> SINGLE <input type="checkbox"/> OTHER (SPECIFY) _____ <input checked="" type="checkbox"/> DOUBLE | | 18. AVERAGE DISTANCE FROM TOP OF TANK SHELL TO LIQUID: 5 FT. | |
| 19. SHELL TYPE: <input type="checkbox"/> RIVETED <input checked="" type="checkbox"/> WELDED <input type="checkbox"/> OTHER(SPECIFY) _____ | | 20. PAINT COLOR: Aluminum | |

| VENT VALVE DATA | | | |
|-----------------|-----------------|------------------|---|
| TYPE OF VENT | NUMBER OF VENTS | PRESSURE SETTING | DISCHARGE VENTED TO (ATMOSPHERE, FLARE, ETC.) |
| 21. COMBINATION | a. | b. PSIG | c. |
| 22. PRESSURE | a. | b. PSIG | c. |
| 23. VACUUM | a. | b. PSIG | c. |
| 24. OPEN | a. 1 | b. N/A PSIG | c. Atmosphere |

| |
|--|
| |
|--|

| MATERIAL TO BE STORED | | |
|----------------------------|--------------------------------------|--|
| 25. MATERIAL: # 2 Fuel Oil | 26. DENSITY: 54.4 LB/FT ³ | 27. VAPOR PRESSURE AT 70°F: .0077 PSIA |

| STORAGE CONDITIONS | | | |
|---|---|--|---|
| 28. STORAGE TEMPERATURE: MINIMUM <u>ambient</u> °F MAXIMUM <u>ambient</u> °F | 29. TANK TURN OVER PER YEAR: 75,000 | <input type="checkbox"/> BBLS/ | <input checked="" type="checkbox"/> GALS/ yr |
| 30. MAXIMUM FILLING RATE: 10,000 | <input type="checkbox"/> BBLS/DAY <input checked="" type="checkbox"/> GALS/DAY | 31. AVERAGE THROUGHPUT: 280 | <input type="checkbox"/> BBLS/DAY <input checked="" type="checkbox"/> GALS/DAY |
| 32. PRESSURE EQUALIZERS USED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | 33. PERMANENT SUBMERGED LOADING PIPE USED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | | |
| 34. VAPOR LOSS CONTROL DEVICE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | | IF VAPOR LOSS CONTROL DEVICE IS USED, COMPLETE "DATA & INFORMATION -- AIR POLLUTION CONTROL EQUIPMENT," (FORM APC-260), AS PART OF THIS APPLICATION. | |

This Agency is authorized to require this information under Illinois Revised Statutes, 1979, Chapter 111 1/2, Section 1039. Disclosure of this information is required under that Section. Failure to do so may prevent this form from being processed and could result in your application being denied. This form has been approved by the Forms Management Center.



STATE OF ILLINOIS
 ENVIRONMENTAL PROTECTION AGENCY
 DIVISION OF AIR POLLUTION CONTROL
 2200 CHURCHILL ROAD
 SPRINGFIELD, ILLINOIS 62706

| | |
|--|---------------------|
| PROCESS EMISSION SOURCE ADDENDUM TANK | FOR AGENCY USE ONLY |
|--|---------------------|

| | |
|---|---|
| 1. NAME OF OWNER: Asphalt Materials, Inc. | 2. NAME OF CORPORATE DIVISION OR PLANT (IF DIFFERENT FROM OWNER): Emulsicoat |
| 3. STREET ADDRESS OF EMISSION SOURCE: 705 East University Ave. | 4. CITY OF EMISSION SOURCE: Urbana |

| TANK INFORMATION | | | |
|---|---|--|--|
| 5. NAME OF TANK MANUFACTURER: Certified Tank Co. | 6. DESIGNATION OF TANK: Tank #02 | | |
| 7. SERIAL NUMBER: none | 8. CAPACITY: 10,000 gallons | | |
| 9. TANK USE: Storage of #2 Fuel Oil | 10. NUMBER OF SAME CAPACITY TANKS STORING SAME MATERIAL: 1 | | |
| 11. TANK SHAPE: <input type="checkbox"/> HORIZONTAL <input checked="" type="checkbox"/> CYLINDRICAL <input type="checkbox"/> SPHERICAL <input type="checkbox"/> OTHER(SPECIFY) _____ | | | |
| 12. TANK DIAMETER: 10.5 FT | 13. TANK HEIGHT: 15 FT | 14. TANK LENGTH: N/A FT | |
| 15. STATUS: <input checked="" type="checkbox"/> EXISTING <input type="checkbox"/> ALTERATION | | 16. TANK TYPE: <input type="checkbox"/> PRESSURE <input checked="" type="checkbox"/> FIXED ROOF <input type="checkbox"/> FLOATING ROOF <input type="checkbox"/> OTHER(SPECIFY) _____ | |
| 17. SEAL: N/A <input type="checkbox"/> SINGLE <input type="checkbox"/> DOUBLE <input type="checkbox"/> OTHER (SPECIFY) _____ | | 18. AVERAGE DISTANCE FROM TOP OF TANK SHELL TO LIQUID: 5 FT. | |
| 19. SHELL TYPE: <input type="checkbox"/> RIVETED <input checked="" type="checkbox"/> WELDED <input type="checkbox"/> OTHER(SPECIFY) _____ | | 20. PAINT COLOR: Aluminum | |

| VENT VALVE DATA | | | |
|-----------------|-----------------|------------------|---|
| TYPE OF VENT | NUMBER OF VENTS | PRESSURE SETTING | DISCHARGE VENTED TO (ATMOSPHERE, FLARE, ETC.) |
| 21. COMBINATION | a. | b. PSIG | c. |
| 22. PRESSURE | a. | b. PSIG | c. |
| 23. VACUUM | a. | b. PSIG | c. |
| 24. OPEN | a. 1 | b. N/A PSIG | c. Atmosphere |

MATERIAL TO BE STORED

| | | |
|----------------------------|--------------------------------------|--|
| 25. MATERIAL: # 2 Fuel Oil | 26. DENSITY: 54.4 LB/FT ³ | 27. VAPOR PRESSURE AT 70°F: .0077 PSIA |
|----------------------------|--------------------------------------|--|

STORAGE CONDITIONS

| | |
|--|--|
| 28. STORAGE TEMPERATURE: MINIMUM ambient °F MAXIMUM ambient °F | 29. TANK TURN OVER PER YEAR: 20,000 <input type="checkbox"/> BBLs/yr <input checked="" type="checkbox"/> GALS/day |
| 30. MAXIMUM FILLING RATE: 10,000 <input type="checkbox"/> BBLs/DAY <input checked="" type="checkbox"/> GALS/DAY | 31. AVERAGE THROUGHPUT: 80 <input type="checkbox"/> BBLs/DAY <input checked="" type="checkbox"/> GALS/DAY |
| 32. PRESSURE EQUALIZERS USED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | 33. PERMANENT SUBMERGED LOADING PIPE USED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO |
| 34. VAPOR LOSS CONTROL DEVICE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | IF VAPOR LOSS CONTROL DEVICE IS USED, COMPLETE "DATA & INFORMATION -- AIR POLLUTION CONTROL EQUIPMENT," (FORM APC-260), AS PART OF THIS APPLICATION. |

This Agency is authorized to require this information under Illinois Revised Statutes, 1979, Chapter 111 1/2, Section 1039. Disclosure of this information is required under that Section. Failure to do so may prevent this form from being processed and could result in your application being denied. This form has been approved by the Forms Management Center.



STATE OF ILLINOIS
 ENVIRONMENTAL PROTECTION AGENCY
 DIVISION OF AIR POLLUTION CONTROL
 2200 CHURCHILL ROAD
 SPRINGFIELD, ILLINOIS 62706

| | |
|--|---------------------|
| PROCESS EMISSION SOURCE ADDENDUM TANK | FOR AGENCY USE ONLY |
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| | |
|---|---|
| 1. NAME OF OWNER: Asphalt Materials, Inc. | 2. NAME OF CORPORATE DIVISION OR PLANT (IF DIFFERENT FROM OWNER): Emulsicoat |
| 3. STREET ADDRESS OF EMISSION SOURCE: 705 East University Ave. | 4. CITY OF EMISSION SOURCE: Urbana |

| TANK INFORMATION | | | |
|---|---------------------------|--|--|
| 5. NAME OF TANK MANUFACTURER: Clark County Metal | | 6. DESIGNATION OF TANK: Tank # 11 | |
| 7. SERIAL NUMBER: none | | 8. CAPACITY: 30,000 Gal. | |
| 9. TANK USE: Storage of Asphalt Emulsions | | 10. NUMBER OF SAME CAPACITY TANKS STORING SAME MATERIAL: 5 | |
| 11. TANK SHAPE: <input type="checkbox"/> HORIZONTAL <input checked="" type="checkbox"/> CYLINDRICAL <input type="checkbox"/> SPHERICAL <input type="checkbox"/> OTHER(SPECIFY) _____ | | | |
| 12. TANK DIAMETER: 12 FT | 13. TANK HEIGHT: 35 FT | 14. TANK LENGTH: N/A FT | |
| 15. STATUS: <input checked="" type="checkbox"/> EXISTING <input type="checkbox"/> ALTERATION | | 16. TANK TYPE: <input type="checkbox"/> PRESSURE <input checked="" type="checkbox"/> FIXED ROOF <input type="checkbox"/> FLOATING ROOF <input type="checkbox"/> OTHER(SPECIFY) _____ | |
| 17. SEAL: N/A <input type="checkbox"/> SINGLE <input type="checkbox"/> DOUBLE <input type="checkbox"/> OTHER (SPECIFY) _____ | | 18. AVERAGE DISTANCE FROM TOP OF TANK SHELL TO LIQUID: 5 FT. | |
| 19. SHELL TYPE: <input type="checkbox"/> RIVETED <input checked="" type="checkbox"/> WELDED <input type="checkbox"/> OTHER(SPECIFY) _____ | | 20. PAINT COLOR: Aluminum | |

| VENT VALVE DATA | | | | |
|-----------------|-----------------|------------------|---|--|
| TYPE OF VENT | NUMBER OF VENTS | PRESSURE SETTING | DISCHARGE VENTED TO (ATMOSPHERE, FLARE, ETC.) | |
| 21. COMBINATION | a. | b. PSIG | c. | |
| 22. PRESSURE | a. | b. PSIG | c. | |
| 23. VACUUM | a. | b. PSIG | c. | |
| 24. OPEN | a. 1 | b. N/A PSIG | c. Atmosphere | |

[Redacted]

MATERIAL TO BE STORED

180° F.

| | | |
|---------------------------------|--------------------------------------|---|
| 25. MATERIAL: Asphalt Emulsions | 26. DENSITY: 62.6 LB/FT ³ | 27. VAPOR PRESSURE AT 20°C: 1.9 X 10 PSIA |
|---------------------------------|--------------------------------------|---|

STORAGE CONDITIONS

| | | |
|---|--|---|
| 28. STORAGE TEMPERATURE: MINIMUM ambient °F MAXIMUM 210 °F | 29. TANK TURN OVER PER YEAR: 300,000 | <input type="checkbox"/> BBLs/ <input checked="" type="checkbox"/> GALS/ yr |
| 30. MAXIMUM FILLING RATE: 15,000 | 31. AVERAGE THROUGHPUT: 1,100 | <input type="checkbox"/> BBLs/DAY <input checked="" type="checkbox"/> GALS/DAY |
| 32. PRESSURE EQUALIZERS USED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | 33. PERMANENT SUBMERGED LOADING PIPE USED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | |
| 34. VAPOR LOSS CONTROL DEVICE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | IF VAPOR LOSS CONTROL DEVICE IS USED, COMPLETE "DATA & INFORMATION -- AIR POLLUTION CONTROL EQUIPMENT," (FORM APC-260), AS PART OF THIS APPLICATION. | |

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STATE OF ILLINOIS
 ENVIRONMENTAL PROTECTION AGENCY
 DIVISION OF AIR POLLUTION CONTROL
 2200 CHURCHILL ROAD
 SPRINGFIELD, ILLINOIS 62706

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| PROCESS EMISSION SOURCE ADDENDUM TANK | FOR AGENCY USE ONLY |
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| | |
|---|---|
| 1. NAME OF OWNER: Asphalt Materials, Inc. | 2. NAME OF CORPORATE DIVISION OR PLANT (IF DIFFERENT FROM OWNER): Emulsicoat |
| 3. STREET ADDRESS OF EMISSION SOURCE: 705 East University Ave. | 4. CITY OF EMISSION SOURCE: Urbana |

| TANK INFORMATION | | | |
|---|---|--|--|
| 5. NAME OF TANK MANUFACTURER: Clark County Metal | 6. DESIGNATION OF TANK: Tank # 13 | | |
| 7. SERIAL NUMBER: none | 8. CAPACITY: 30,000 Gal. | | |
| 9. TANK USE: Storage of Asphalt Emulsions | 10. NUMBER OF SAME CAPACITY TANKS STORING SAME MATERIAL: 5 | | |
| 11. TANK SHAPE: <input type="checkbox"/> HORIZONTAL <input checked="" type="checkbox"/> CYLINDRICAL <input type="checkbox"/> SPHERICAL <input type="checkbox"/> OTHER(SPECIFY) _____ | | | |
| 12. TANK DIAMETER: 12 FT | 13. TANK HEIGHT: 35 FT | 14. TANK LENGTH: N/A FT | |
| 15. STATUS: <input checked="" type="checkbox"/> EXISTING <input type="checkbox"/> ALTERATION | | 16. TANK TYPE: <input type="checkbox"/> PRESSURE <input checked="" type="checkbox"/> FIXED ROOF <input type="checkbox"/> FLOATING ROOF <input type="checkbox"/> OTHER(SPECIFY) _____ | |
| 17. SEAL: N/A <input type="checkbox"/> SINGLE <input type="checkbox"/> DOUBLE <input type="checkbox"/> OTHER (SPECIFY) _____ | | 18. AVERAGE DISTANCE FROM TOP OF TANK SHELL TO LIQUID: 5 FT. | |
| 19. SHELL TYPE: <input type="checkbox"/> RIVETED <input checked="" type="checkbox"/> WELDED <input type="checkbox"/> OTHER(SPECIFY) _____ | | 20. PAINT COLOR: Aluminum | |

| VENT VALVE DATA | | | | |
|-----------------|-----------------|------------------|---|--|
| TYPE OF VENT | NUMBER OF VENTS | PRESSURE SETTING | DISCHARGE VENTED TO (ATMOSPHERE, FLARE, ETC.) | |
| 21. COMBINATION | a. | b. PSIG | c. | |
| 22. PRESSURE | a. | b. PSIG | c. | |
| 23. VACUUM | a. | b. PSIG | c. | |
| 24. OPEN | a. 1 | b. N/A PSIG | c. Atmosphere | |

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|---------------------------------|--------------------------------------|---|
| MATERIAL TO BE STORED | | 180° F. |
| 25. MATERIAL: Asphalt Emulsions | 26. DENSITY: 62.6 LB/FT ³ | 27. VAPOR PRESSURE AT 20°C: 1.9 X 10 PSIA |

| | | | |
|---|--|-------------------------------|---|
| STORAGE CONDITIONS | | | |
| 28. STORAGE TEMPERATURE: MINIMUM ambient °F MAXIMUM 210 °F | 29. TANK TURN OVER PER YEAR: 300,000 | | <input type="checkbox"/> BBLs/ <input checked="" type="checkbox"/> GALS/ YR |
| 30. MAXIMUM FILLING RATE: 15,000 | <input type="checkbox"/> BBLs/DAY <input checked="" type="checkbox"/> GALS/DAY | 31. AVERAGE THROUGHPUT: 1,100 | <input type="checkbox"/> BBLs/DAY <input checked="" type="checkbox"/> GALS/DAY |
| 32. PRESSURE EQUALIZERS USED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | 33. PERMANENT SUBMERGED LOADING PIPE USED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | | |
| 34. VAPOR LOSS CONTROL DEVICE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | IF VAPOR LOSS CONTROL DEVICE IS USED, COMPLETE "DATA & INFORMATION -- AIR POLLUTION CONTROL EQUIPMENT," (FORM APC-260), AS PART OF THIS APPLICATION. | | |

This Agency is authorized to require this information under Illinois Revised Statutes, 1979, Chapter 111 1/2, Section 103B. Disclosure of this information is required under that Section. Failure to do so may prevent this form from being processed and could result in your application being denied. This form has been approved by the Forms Management Center.



STATE OF ILLINOIS
 ENVIRONMENTAL PROTECTION AGENCY
 DIVISION OF AIR POLLUTION CONTROL
 2200 CHURCHILL ROAD
 SPRINGFIELD, ILLINOIS 62706

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| PROCESS EMISSION SOURCE ADDENDUM TANK | FOR AGENCY USE ONLY |
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| | |
|---|---|
| 1. NAME OF OWNER: Asphalt Materials, Inc. | 2. NAME OF CORPORATE DIVISION OR PLANT (IF DIFFERENT FROM OWNER): Emulsicoat |
| 3. STREET ADDRESS OF EMISSION SOURCE: 705 East University Ave. | 4. CITY OF EMISSION SOURCE: Urbana |

| TANK INFORMATION | | | |
|---|---|--|--|
| 5. NAME OF TANK MANUFACTURER: Chicago Iron and Bridge Co. | 6. DESIGNATION OF TANK: Tank # 15 | | |
| 7. SERIAL NUMBER: none | 8. CAPACITY: 42,000 gallons | | |
| 9. TANK USE: Storage of Medium Cure Cutback Asphalt | 10. NUMBER OF SAME CAPACITY TANKS STORING SAME MATERIAL: 2 | | |
| 11. TANK SHAPE: <input type="checkbox"/> HORIZONTAL <input checked="" type="checkbox"/> CYLINDRICAL <input type="checkbox"/> SPHERICAL <input type="checkbox"/> OTHER(SPECIFY) _____ | | | |
| 12. TANK DIAMETER: 20 FT | 13. TANK HEIGHT: 18 FT | 14. TANK LENGTH: N/A FT | |
| 15. STATUS: <input checked="" type="checkbox"/> EXISTING <input type="checkbox"/> ALTERATION | | 16. TANK TYPE: <input type="checkbox"/> PRESSURE <input checked="" type="checkbox"/> FIXED ROOF <input type="checkbox"/> FLOATING ROOF <input type="checkbox"/> OTHER(SPECIFY) _____ | |
| 17. SEAL: N/A <input type="checkbox"/> SINGLE <input type="checkbox"/> DOUBLE <input type="checkbox"/> OTHER (SPECIFY) _____ | | 18. AVERAGE DISTANCE FROM TOP OF TANK SHELL TO LIQUID: 5 FT. | |
| 19. SHELL TYPE: <input type="checkbox"/> RIVETED <input checked="" type="checkbox"/> WELDED <input type="checkbox"/> OTHER(SPECIFY) _____ | | 20. PAINT COLOR: Aluminum | |

| VENT VALVE DATA | | | | |
|-----------------|-----------------|------------------|---|--|
| TYPE OF VENT | NUMBER OF VENTS | PRESSURE SETTING | DISCHARGE VENTED TO (ATMOSPHERE, FLARE, ETC.) | |
| 21. COMBINATION | a. | b. PSIG | c. | |
| 22. PRESSURE | a. | b. PSIG | c. | |
| 23. VACUUM | a. | b. PSIG | c. | |
| 24. OPEN | a. 1 | b. N/A PSIG | c. Atmosphere | |

[Redacted]

| | | |
|--|---|--|
| MATERIAL TO BE STORED | | 100° F. |
| 25. MATERIAL: Medium Cure Cutback Asphalt Emulsions | 26. DENSITY: 60.3 LB/FT ³ | 27. VAPOR PRESSURE AT 1.3 X 10 ⁻⁴ PSIA |

| | | | |
|---|--|----------------------------------|---|
| STORAGE CONDITIONS | | | |
| 28. STORAGE TEMPERATURE: MINIMUM ambient °F MAXIMUM 200 °F | 29. TANK TURN OVER PER YEAR: 504,000 | <input type="checkbox"/> BBLs/ | <input checked="" type="checkbox"/> GALS/ YR |
| 30. MAXIMUM FILLING RATE: 10,000 | <input type="checkbox"/> BBLs/DAY <input checked="" type="checkbox"/> GALS/DAY | 31. AVERAGE THROUGHPUT: 1,840 | <input type="checkbox"/> BBLs/DAY <input checked="" type="checkbox"/> GALS/DAY |
| 32. PRESSURE EQUALIZERS USED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | 33. PERMANENT SUBMERGED LOADING PIPE USED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | | |
| 34. VAPOR LOSS CONTROL DEVICE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | IF VAPOR LOSS CONTROL DEVICE IS USED, COMPLETE "DATA & INFORMATION -- AIR POLLUTION CONTROL EQUIPMENT," (FORM APC-260), AS PART OF THIS APPLICATION. | | |

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STATE OF ILLINOIS
 ENVIRONMENTAL PROTECTION AGENCY
 DIVISION OF AIR POLLUTION CONTROL
 2200 CHURCHILL ROAD
 SPRINGFIELD, ILLINOIS 62706

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| PROCESS EMISSION SOURCE ADDENDUM TANK | FOR AGENCY USE ONLY |
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|---|---|
| 1. NAME OF OWNER: Asphalt Materials, Inc. | 2. NAME OF CORPORATE DIVISION OR PLANT (IF DIFFERENT FROM OWNER): Emulsicoat |
| 3. STREET ADDRESS OF EMISSION SOURCE: 705 East University Ave. | 4. CITY OF EMISSION SOURCE: Urbana |

| TANK INFORMATION | | | |
|---|---|--|--|
| 5. NAME OF TANK MANUFACTURER: Chicago Iron and Bridge Co. | 6. DESIGNATION OF TANK: Tank # 17 | | |
| 7. SERIAL NUMBER: none | 8. CAPACITY: 42,000 gallons | | |
| 9. TANK USE: Storage of Medium Cure Cutback Asphalt | 10. NUMBER OF SAME CAPACITY TANKS STORING SAME MATERIAL: 2 | | |
| 11. TANK SHAPE: <input type="checkbox"/> HORIZONTAL <input checked="" type="checkbox"/> CYLINDRICAL <input type="checkbox"/> SPHERICAL <input type="checkbox"/> OTHER(SPECIFY) _____ | | | |
| 12. TANK DIAMETER: 20 FT | 13. TANK HEIGHT: 18 FT | 14. TANK LENGTH: N/A FT | |
| 15. STATUS: <input checked="" type="checkbox"/> EXISTING <input type="checkbox"/> ALTERATION | | 16. TANK TYPE: <input type="checkbox"/> PRESSURE <input checked="" type="checkbox"/> FIXED ROOF <input type="checkbox"/> FLOATING ROOF <input type="checkbox"/> OTHER(SPECIFY) _____ | |
| 17. SEAL: N/A <input type="checkbox"/> SINGLE <input type="checkbox"/> DOUBLE <input type="checkbox"/> OTHER (SPECIFY) _____ | | 18. AVERAGE DISTANCE FROM TOP OF TANK SHELL TO LIQUID: 5 FT. | |
| 19. SHELL TYPE: <input type="checkbox"/> RIVETED <input checked="" type="checkbox"/> WELDED <input type="checkbox"/> OTHER(SPECIFY) _____ | | 20. PAINT COLOR: Aluminum | |

| VENT VALVE DATA | | | |
|-----------------|-----------------|------------------|---|
| TYPE OF VENT | NUMBER OF VENTS | PRESSURE SETTING | DISCHARGE VENTED TO (ATMOSPHERE, FLARE, ETC.) |
| 21. COMBINATION | a. | b. PSIG | c. |
| 22. PRESSURE | a. | b. PSIG | c. |
| 23. VACUUM | a. | b. PSIG | c. |
| 24. OPEN | a. 1 | b. N/A PSIG | c. Atmosphere |

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| | | |
|--|--------------------------------------|---|
| MATERIAL TO BE STORED | | 100° F. |
| 25. MATERIAL: Medium Cure Cutback Asphalt Emulsions | 26. DENSITY: 60.3 LB/FT ³ | 27. VAPOR PRESSURE AT 1.3 X 10 ⁻⁴ PSIA |

| | | | |
|---|--|--------------------------------|--|
| STORAGE CONDITIONS | | | |
| 28. STORAGE TEMPERATURE: MINIMUM ambient °F MAXIMUM 200 °F | 29. TANK TURN OVER PER YEAR: 504,000 | <input type="checkbox"/> BBLS/ | <input checked="" type="checkbox"/> GALS/ YR |
| 30. MAXIMUM FILLING RATE: 10,000 | <input type="checkbox"/> BBLS/DAY | 31. AVERAGE THROUGHPUT: 1,840 | <input type="checkbox"/> BBLS/DAY |
| | <input checked="" type="checkbox"/> GALS/DAY | | <input checked="" type="checkbox"/> GALS/DAY |
| 32. PRESSURE EQUALIZERS USED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | 33. PERMANENT SUBMERGED LOADING PIPE USED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | | |
| 34. VAPOR LOSS CONTROL DEVICE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | IF VAPOR LOSS CONTROL DEVICE IS USED, COMPLETE "DATA & INFORMATION -- AIR POLLUTION CONTROL EQUIPMENT," (FORM APC-260), AS PART OF THIS APPLICATION. | | |

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STATE OF ILLINOIS
 ENVIRONMENTAL PROTECTION AGENCY
 DIVISION OF AIR POLLUTION CONTROL
 2200 CHURCHILL ROAD
 SPRINGFIELD, ILLINOIS 62706

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| PROCESS EMISSION SOURCE ADDENDUM | FOR AGENCY USE ONLY |
| TANK | |

| | |
|---|---|
| 1. NAME OF OWNER: Asphalt Materials, Inc. | 2. NAME OF CORPORATE DIVISION OR PLANT (IF DIFFERENT FROM OWNER): Emulsicoat |
| 3. STREET ADDRESS OF EMISSION SOURCE: 705 East University Ave. | 4. CITY OF EMISSION SOURCE: Urbana |

| TANK INFORMATION | | | |
|---|---|--|--|
| 5. NAME OF TANK MANUFACTURER: Emulsicoat, Inc. | 6. DESIGNATION OF TANK: Tank # 21 | | |
| 7. SERIAL NUMBER: none | 8. CAPACITY: 62,000 Gal. | | |
| 9. TANK USE: Storage of Asphalt Emulsions | 10. NUMBER OF SAME CAPACITY TANKS STORING SAME MATERIAL: 4 | | |
| 11. TANK SHAPE: <input type="checkbox"/> HORIZONTAL <input checked="" type="checkbox"/> CYLINDRICAL <input type="checkbox"/> SPHERICAL <input type="checkbox"/> OTHER(SPECIFY) _____ | | | |
| 12. TANK DIAMETER: 24.7 FT | 13. TANK HEIGHT: 17.3 FT | 14. TANK LENGTH: N/A FT | |
| 15. STATUS: <input checked="" type="checkbox"/> EXISTING <input type="checkbox"/> ALTERATION | | 16. TANK TYPE: <input type="checkbox"/> PRESSURE <input checked="" type="checkbox"/> FIXED ROOF <input type="checkbox"/> FLOATING ROOF <input type="checkbox"/> OTHER(SPECIFY) _____ | |
| 17. SEAL: N/A <input type="checkbox"/> SINGLE <input type="checkbox"/> DOUBLE <input type="checkbox"/> OTHER (SPECIFY) _____ | | 18. AVERAGE DISTANCE FROM TOP OF TANK SHELL TO LIQUID: 5 FT. | |
| 19. SHELL TYPE: <input type="checkbox"/> RIVETED <input checked="" type="checkbox"/> WELDED <input type="checkbox"/> OTHER(SPECIFY) _____ | | 20. PAINT COLOR: Black | |

| VENT VALVE DATA | | | |
|-----------------|-----------------|------------------|---|
| TYPE OF VENT | NUMBER OF VENTS | PRESSURE SETTING | DISCHARGE VENTED TO (ATMOSPHERE, FLARE, ETC.) |
| 21. COMBINATION | a. | b. PSIG | c. |
| 22. PRESSURE | a. | b. PSIG | c. |
| 23. VACUUM | a. | b. PSIG | c. |
| 24. OPEN | a. 1 | b. N/A PSIG | c. Atmosphere |

[Empty rectangular box]

| | | |
|---------------------------------|--------------------------------------|--|
| MATERIAL TO BE STORED | | 180° F. |
| 25. MATERIAL: Asphalt Emulsions | 26. DENSITY: 62.6 LB/FT ³ | 27. VAPOR PRESSURE AT 200°F: 1.9 X 10 PSIA |

| | | | |
|---|--|--|---|
| STORAGE CONDITIONS | | | |
| 28. STORAGE TEMPERATURE: MINIMUM ambient °F MAXIMUM 210 °F | 29. TANK TURN OVER PER YEAR: 620,000 | <input type="checkbox"/> BBLs/ <input checked="" type="checkbox"/> GALS/ YR | |
| 30. MAXIMUM FILLING RATE: 15,000 | <input type="checkbox"/> BBLs/DAY <input checked="" type="checkbox"/> GALS/DAY | 31. AVERAGE THROUGHPUT: 2,300 | <input type="checkbox"/> BBLs/DAY <input checked="" type="checkbox"/> GALS/DAY |
| 32. PRESSURE EQUALIZERS USED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | 33. PERMANENT SUBMERGED LOADING PIPE USED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | | |
| 34. VAPOR LOSS CONTROL DEVICE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | IF VAPOR LOSS CONTROL DEVICE IS USED, COMPLETE "DATA & INFORMATION -- AIR POLLUTION CONTROL EQUIPMENT," (FORM APC-260), AS PART OF THIS APPLICATION. | | |

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STATE OF ILLINOIS
 ENVIRONMENTAL PROTECTION AGENCY
 DIVISION OF AIR POLLUTION CONTROL
 2200 CHURCHILL ROAD
 SPRINGFIELD, ILLINOIS 62706

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| PROCESS EMISSION SOURCE ADDENDUM TANK | FOR AGENCY USE ONLY |
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|---|---|
| 1. NAME OF OWNER: Asphalt Materials, Inc. | 2. NAME OF CORPORATE DIVISION OR PLANT (IF DIFFERENT FROM OWNER): Emulsicoat |
| 3. STREET ADDRESS OF EMISSION SOURCE: 705 East University Ave. | 4. CITY OF EMISSION SOURCE: Urbana |

| TANK INFORMATION | | | |
|--|---|---|--|
| 5. NAME OF TANK MANUFACTURER: Emulsicoat, Inc. | 6. DESIGNATION OF TANK: Tank # 22 | | |
| 7. SERIAL NUMBER: none | 8. CAPACITY: 62,000 Gal. | | |
| 9. TANK USE: Storage of Asphalt Emulsions | 10. NUMBER OF SAME CAPACITY TANKS STORING SAME MATERIAL: 4 | | |
| 11. TANK SHAPE: <input type="checkbox"/> HORIZONTAL <input checked="" type="checkbox"/> CYLINDRICAL <input type="checkbox"/> SPHERICAL <input type="checkbox"/> OTHER(SPECIFY) _____ | | | |
| 12. TANK DIAMETER: 24.7 FT | 13. TANK HEIGHT: 17.3 FT | 14. TANK LENGTH: N/A FT | |
| 15. STATUS: <input checked="" type="checkbox"/> EXISTING <input type="checkbox"/> ALTERATION | | 16. TANK TYPE: <input checked="" type="checkbox"/> FIXED ROOF <input type="checkbox"/> FLOATING ROOF <input type="checkbox"/> PRESSURE <input type="checkbox"/> OTHER(SPECIFY) _____ | |
| 17. SEAL: N/A <input type="checkbox"/> SINGLE <input type="checkbox"/> DOUBLE <input type="checkbox"/> OTHER (SPECIFY) _____ | | 18. AVERAGE DISTANCE FROM TOP OF TANK SHELL TO LIQUID: 5 FT. | |
| 19. SHELL TYPE: <input type="checkbox"/> RIVETED <input checked="" type="checkbox"/> WELDED <input type="checkbox"/> OTHER(SPECIFY) _____ | | 20. PAINT COLOR: Aluminum | |

| VENT VALVE DATA | | | |
|-----------------|-----------------|------------------|---|
| TYPE OF VENT | NUMBER OF VENTS | PRESSURE SETTING | DISCHARGE VENTED TO (ATMOSPHERE, FLARE, ETC.) |
| 21. COMBINATION | a. | b. PSIG | c. |
| 22. PRESSURE | a. | b. PSIG | c. |
| 23. VACUUM | a. | b. PSIG | c. |
| 24. OPEN | a. 1 | b. N/A PSIG | c. Atmosphere |

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|---------------------------------|--------------------------------------|---|
| MATERIAL TO BE STORED | | 180° F. |
| 25. MATERIAL: Asphalt Emulsions | 26. DENSITY: 62.6 LB/FT ³ | 27. VAPOR PRESSURE AT 20°C: 1.9 X 10 PSIA |

| | | | |
|---|--|--------------------------------|--|
| STORAGE CONDITIONS | | | |
| 28. STORAGE TEMPERATURE: MINIMUM ambient °F MAXIMUM 210 °F | 29. TANK TURN OVER PER YEAR: 620,000 | <input type="checkbox"/> BBLS/ | <input checked="" type="checkbox"/> GALS/ yr |
| 30. MAXIMUM FILLING RATE: 15,000 | <input type="checkbox"/> BBLS/DAY | 31. AVERAGE THROUGHPUT: 2,300 | <input type="checkbox"/> BBLS/DAY |
| | <input checked="" type="checkbox"/> GALS/DAY | | <input checked="" type="checkbox"/> GALS/DAY |
| 32. PRESSURE EQUALIZERS USED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | 33. PERMANENT SUBMERGED LOADING PIPE USED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | | |
| 34. VAPOR LOSS CONTROL DEVICE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | IF VAPOR LOSS CONTROL DEVICE IS USED, COMPLETE "DATA & INFORMATION -- AIR POLLUTION CONTROL EQUIPMENT," (FORM APC-260), AS PART OF THIS APPLICATION. | | |

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STATE OF ILLINOIS
 ENVIRONMENTAL PROTECTION AGENCY
 DIVISION OF AIR POLLUTION CONTROL
 2200 CHURCHILL ROAD
 SPRINGFIELD, ILLINOIS 62706

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|--|---------------------|
| PROCESS EMISSION SOURCE ADDENDUM TANK | FOR AGENCY USE ONLY |
|--|---------------------|

| | |
|---|---|
| 1. NAME OF OWNER: Asphalt Materials, Inc. | 2. NAME OF CORPORATE DIVISION OR PLANT (IF DIFFERENT FROM OWNER): Emulsicoat |
| 3. STREET ADDRESS OF EMISSION SOURCE: 705 East University Ave. | 4. CITY OF EMISSION SOURCE: Urbana |

| TANK INFORMATION | | | |
|---|---|--|--|
| 5. NAME OF TANK MANUFACTURER: Oklahoma Tank Co. | 6. DESIGNATION OF TANK: Tank # 23 | | |
| 7. SERIAL NUMBER: NONE | 8. CAPACITY: 62,000 Gal. | | |
| 9. TANK USE: Storage of Asphalt Emulsions | 10. NUMBER OF SAME CAPACITY TANKS STORING SAME MATERIAL: 4 | | |
| 11. TANK SHAPE: <input type="checkbox"/> HORIZONTAL <input checked="" type="checkbox"/> CYLINDRICAL <input type="checkbox"/> SPHERICAL <input type="checkbox"/> OTHER(SPECIFY) _____ | | | |
| 12. TANK DIAMETER: 24.7 FT | 13. TANK HEIGHT: 17.3 FT | 14. TANK LENGTH: N/A FT | |
| 15. STATUS: <input checked="" type="checkbox"/> EXISTING <input type="checkbox"/> ALTERATION | | 16. TANK TYPE: <input type="checkbox"/> PRESSURE <input checked="" type="checkbox"/> FIXED ROOF <input type="checkbox"/> FLOATING ROOF <input type="checkbox"/> OTHER(SPECIFY) _____ | |
| 17. SEAL: N/A <input type="checkbox"/> SINGLE <input type="checkbox"/> DOUBLE <input type="checkbox"/> OTHER (SPECIFY) _____ | | 18. AVERAGE DISTANCE FROM TOP OF TANK SHELL TO LIQUID: 5 FT. | |
| 19. SHELL TYPE: <input type="checkbox"/> RIVETED <input checked="" type="checkbox"/> WELDED <input type="checkbox"/> OTHER(SPECIFY) _____ | | 20. PAINT COLOR: Black | |

| VENT VALVE DATA | | | | |
|-----------------|-----------------|------------------|---|--|
| TYPE OF VENT | NUMBER OF VENTS | PRESSURE SETTING | DISCHARGE VENTED TO (ATMOSPHERE, FLARE, ETC.) | |
| 21. COMBINATION | a. | b. PSIG | c. | |
| 22. PRESSURE | a. | b. PSIG | c. | |
| 23. VACUUM | a. | b. PSIG | c. | |
| 24. OPEN | a. 1 | b. N/A PSIG | c. Atmosphere | |

[Redacted]

| | | |
|---------------------------------|--------------------------------------|---|
| MATERIAL TO BE STORED | | 180° F. |
| 25. MATERIAL: Asphalt Emulsions | 26. DENSITY: 62.6 LB/FT ³ | 27. VAPOR PRESSURE AT 20°C: 1.9 X 10 PSIA |

| | | | |
|---|--|--------------------------------|--|
| STORAGE CONDITIONS | | | |
| 28. STORAGE TEMPERATURE: MINIMUM ambient °F MAXIMUM 210 °F | 29. TANK TURN OVER PER YEAR: 620,000 | <input type="checkbox"/> BBLS/ | <input checked="" type="checkbox"/> GALS/ yr |
| 30. MAXIMUM FILLING RATE: 15,000 | <input type="checkbox"/> BBLS/DAY | 31. AVERAGE THROUGHPUT: 2,300 | <input type="checkbox"/> BBLS/DAY |
| | <input checked="" type="checkbox"/> GALS/DAY | | <input checked="" type="checkbox"/> GALS/DAY |
| 32. PRESSURE EQUALIZERS USED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | 33. PERMANENT SUBMERGED LOADING PIPE USED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | | |
| 34. VAPOR LOSS CONTROL DEVICE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | IF VAPOR LOSS CONTROL DEVICE IS USED, COMPLETE "DATA & INFORMATION -- AIR POLLUTION CONTROL EQUIPMENT," (FORM APC-260), AS PART OF THIS APPLICATION. | | |

This Agency is authorized to require this information under Illinois Revised Statutes, 1979, Chapter 111 1/2, Section 1039. Disclosure of this information is required under that Section. Failure to do so may prevent this form from being processed and could result in your application being denied. This form has been approved by the Forms Management Center.



STATE OF ILLINOIS
 ENVIRONMENTAL PROTECTION AGENCY
 DIVISION OF AIR POLLUTION CONTROL
 2200 CHURCHILL ROAD
 SPRINGFIELD, ILLINOIS 62706

| | |
|--|---------------------|
| PROCESS EMISSION SOURCE ADDENDUM TANK | FOR AGENCY USE ONLY |
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| | |
|---|---|
| 1. NAME OF OWNER: Asphalt Materials, Inc. | 2. NAME OF CORPORATE DIVISION OR PLANT (IF DIFFERENT FROM OWNER): Emulsicoat |
| 3. STREET ADDRESS OF EMISSION SOURCE: 705 East University Ave. | 4. CITY OF EMISSION SOURCE: Urbana |

| TANK INFORMATION | | | |
|--|---|---|--|
| 5. NAME OF TANK MANUFACTURER: Oklahoma Tank Co | 6. DESIGNATION OF TANK: Tank # 24 | | |
| 7. SERIAL NUMBER: none | 8. CAPACITY: 81,000 Gal. | | |
| 9. TANK USE: Storage of Asphalt Emulsions | 10. NUMBER OF SAME CAPACITY TANKS STORING SAME MATERIAL: 2 | | |
| 11. TANK SHAPE: <input type="checkbox"/> HORIZONTAL <input checked="" type="checkbox"/> CYLINDRICAL <input type="checkbox"/> SPHERICAL <input type="checkbox"/> OTHER(SPECIFY) _____ | | | |
| 12. TANK DIAMETER: 23.5 FT | 13. TANK HEIGHT: 25 FT | 14. TANK LENGTH: N/A FT | |
| 15. STATUS: <input checked="" type="checkbox"/> EXISTING <input type="checkbox"/> ALTERATION | | 16. TANK TYPE: <input checked="" type="checkbox"/> FIXED ROOF <input type="checkbox"/> FLOATING ROOF <input type="checkbox"/> PRESSURE <input type="checkbox"/> OTHER(SPECIFY) _____ | |
| 17. SEAL: N/A <input type="checkbox"/> SINGLE <input type="checkbox"/> DOUBLE <input type="checkbox"/> OTHER (SPECIFY) _____ | | 18. AVERAGE DISTANCE FROM TOP OF TANK SHELL TO LIQUID: 5 FT. | |
| 19. SHELL TYPE: <input type="checkbox"/> RIVETED <input checked="" type="checkbox"/> WELDED <input type="checkbox"/> OTHER(SPECIFY) _____ | | 20. PAINT COLOR: Aluminum | |

| VENT VALVE DATA | | | | |
|-----------------|-----------------|------------------|---|--|
| TYPE OF VENT | NUMBER OF VENTS | PRESSURE SETTING | DISCHARGE VENTED TO (ATMOSPHERE, FLARE, ETC.) | |
| 21. COMBINATION | a. | b. PSIG | c. | |
| 22. PRESSURE | a. | b. PSIG | c. | |
| 23. VACUUM | a. | b. PSIG | c. | |
| 24. OPEN | a. 1 | b. N/A PSIG | c. Atmosphere | |

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|---------------------------------|--------------------------------------|---|
| MATERIAL TO BE STORED | | 180° F. |
| 25. MATERIAL: Asphalt Emulsions | 26. DENSITY: 62.6 LB/FT ³ | 27. VAPOR PRESSURE AT 20°C: 1.9 X 10 PSIA |

| | | | |
|---|--|--------------------------------------|---|
| STORAGE CONDITIONS | | | |
| 28. STORAGE TEMPERATURE: MINIMUM ambient °F | MAXIMUM 210 °F | 29. TANK TURN OVER PER YEAR: 810,000 | <input type="checkbox"/> BBLS/ <input checked="" type="checkbox"/> GALS/ yr |
| 30. MAXIMUM FILLING RATE: 15,000 | <input type="checkbox"/> BBLS/DAY <input checked="" type="checkbox"/> GALS/DAY | 31. AVERAGE THROUGHPUT: 3,000 | <input type="checkbox"/> BBLS/DAY <input checked="" type="checkbox"/> GALS/DAY |
| 32. PRESSURE EQUALIZERS USED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | 33. PERMANENT SUBMERGED LOADING PIPE USED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | | |
| 34. VAPOR LOSS CONTROL DEVICE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | IF VAPOR LOSS CONTROL DEVICE IS USED, COMPLETE "DATA & INFORMATION -- AIR POLLUTION CONTROL EQUIPMENT," (FORM APC-260), AS PART OF THIS APPLICATION. | | |

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STATE OF ILLINOIS
 ENVIRONMENTAL PROTECTION AGENCY
 DIVISION OF AIR POLLUTION CONTROL
 2200 CHURCHILL ROAD
 SPRINGFIELD, ILLINOIS 62706

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| PROCESS EMISSION SOURCE ADDENDUM TANK | FOR AGENCY USE ONLY |
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| | |
|---|---|
| 1. NAME OF OWNER: Asphalt Materials, Inc. | 2. NAME OF CORPORATE DIVISION OR PLANT (IF DIFFERENT FROM OWNER): Emulsicoat |
| 3. STREET ADDRESS OF EMISSION SOURCE: 705 East University Ave. | 4. CITY OF EMISSION SOURCE: Urbana |

| TANK INFORMATION | | | |
|--|---|--|--|
| 5. NAME OF TANK MANUFACTURER: Oklahoma Tank Co. | 6. DESIGNATION OF TANK: Tank # 25 | | |
| 7. SERIAL NUMBER: none | 8. CAPACITY: 62,000 Gal. | | |
| 9. TANK USE: Storage of Asphalt Emulsions | 10. NUMBER OF SAME CAPACITY TANKS STORING SAME MATERIAL: 4 | | |
| 11. TANK SHAPE: <input type="checkbox"/> HORIZONTAL <input checked="" type="checkbox"/> CYLINDRICAL <input type="checkbox"/> SPHERICAL <input type="checkbox"/> OTHER(SPECIFY) _____ | | | |
| 12. TANK DIAMETER: 24.7 FT | 13. TANK HEIGHT: 17.3 FT | 14. TANK LENGTH: N/A FT | |
| 15. STATUS: <input checked="" type="checkbox"/> EXISTING <input type="checkbox"/> ALTERATION | | 16. TANK TYPE: <input type="checkbox"/> PRESSURE <input checked="" type="checkbox"/> FIXED ROOF <input type="checkbox"/> FLOATING ROOF <input type="checkbox"/> OTHER(SPECIFY) _____ | |
| 17. SEAL: N/A <input type="checkbox"/> SINGLE <input type="checkbox"/> DOUBLE <input type="checkbox"/> OTHER (SPECIFY) _____ | | 18. AVERAGE DISTANCE FROM TOP OF TANK SHELL TO LIQUID: 5 FT. | |
| 19. SHELL TYPE: <input type="checkbox"/> RIVETED <input checked="" type="checkbox"/> WELDED <input type="checkbox"/> OTHER(SPECIFY) _____ | | 20. PAINT COLOR: Aluminum | |

| VENT VALVE DATA | | | | |
|-----------------|-----------------|------------------|---|--|
| TYPE OF VENT | NUMBER OF VENTS | PRESSURE SETTING | DISCHARGE VENTED TO (ATMOSPHERE, FLARE, ETC.) | |
| 21. COMBINATION | a. | b. PSIG | c. | |
| 22. PRESSURE | a. | b. PSIG | c. | |
| 23. VACUUM | a. | b. PSIG | c. | |
| 24. OPEN | a. 1 | b. N/A PSIG | c. Atmosphere | |

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|---------------------------------|--------------------------------------|---|
| MATERIAL TO BE STORED | | 180° F. |
| 25. MATERIAL: Asphalt Emulsions | 26. DENSITY: 62.6 LB/FT ³ | 27. VAPOR PRESSURE AT 20°C: 1.9 X 10 PSIA |

| | | | |
|---|--|-------------------------------|---|
| STORAGE CONDITIONS | | | |
| 28. STORAGE TEMPERATURE: MINIMUM ambient °F MAXIMUM 210 °F | 29. TANK TURN OVER PER YEAR: 620,000 | | <input type="checkbox"/> BBLS/ <input checked="" type="checkbox"/> GALS/ YR |
| 30. MAXIMUM FILLING RATE: 15,000 | <input type="checkbox"/> BBLS/DAY <input checked="" type="checkbox"/> GALS/DAY | 31. AVERAGE THROUGHPUT: 2,300 | <input type="checkbox"/> BBLS/DAY <input checked="" type="checkbox"/> GALS/DAY |
| 32. PRESSURE EQUALIZERS USED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | 33. PERMANENT SUBMERGED LOADING PIPE USED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | | |
| 34. VAPOR LOSS CONTROL DEVICE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | IF VAPOR LOSS CONTROL DEVICE IS USED, COMPLETE "DATA & INFORMATION -- AIR POLLUTION CONTROL EQUIPMENT," (FORM APC-260), AS PART OF THIS APPLICATION. | | |

This Agency is authorized to require this information under Illinois Revised Statutes, 1979, Chapter 118 1/2, Section 1039. Disclosure of this information is required under that Section. Failure to do so may prevent this form from being processed and could result in your application being denied. This form has been approved by the Forms Management Center.



STATE OF ILLINOIS
 ENVIRONMENTAL PROTECTION AGENCY
 DIVISION OF AIR POLLUTION CONTROL
 2200 CHURCHILL ROAD
 SPRINGFIELD, ILLINOIS 62706

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| PROCESS EMISSION SOURCE ADDENDUM TANK | FOR AGENCY USE ONLY |
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|---|---|
| 1. NAME OF OWNER: Asphalt Materials, Inc. | 2. NAME OF CORPORATE DIVISION OR PLANT (IF DIFFERENT FROM OWNER): Emulsicoat |
| 3. STREET ADDRESS OF EMISSION SOURCE: 705 East University Ave. | 4. CITY OF EMISSION SOURCE: Urbana |

| TANK INFORMATION | | | |
|--|---|--|--|
| 5. NAME OF TANK MANUFACTURER: Oklahoma Tank Company | 6. DESIGNATION OF TANK: Tank # 26 | | |
| 7. SERIAL NUMBER: none | 8. CAPACITY: 81,000 Gal. | | |
| 9. TANK USE: Storage of Asphalt Emulsions | 10. NUMBER OF SAME CAPACITY TANKS STORING SAME MATERIAL: 2 | | |
| 11. TANK SHAPE: <input type="checkbox"/> HORIZONTAL <input checked="" type="checkbox"/> CYLINDRICAL <input type="checkbox"/> SPHERICAL <input type="checkbox"/> OTHER(SPECIFY) _____ | | | |
| 12. TANK DIAMETER: 23.5 FT | 13. TANK HEIGHT: 25 FT | 14. TANK LENGTH: N/A FT | |
| 15. STATUS: <input checked="" type="checkbox"/> EXISTING <input type="checkbox"/> ALTERATION | | 16. TANK TYPE: <input type="checkbox"/> PRESSURE <input checked="" type="checkbox"/> FIXED ROOF <input type="checkbox"/> FLOATING ROOF <input type="checkbox"/> OTHER(SPECIFY) _____ | |
| 17. SEAL: N/A <input type="checkbox"/> SINGLE <input type="checkbox"/> DOUBLE <input type="checkbox"/> OTHER (SPECIFY) _____ | | 18. AVERAGE DISTANCE FROM TOP OF TANK SHELL TO LIQUID: 5 FT. | |
| 19. SHELL TYPE: <input type="checkbox"/> RIVETED <input checked="" type="checkbox"/> WELDED <input type="checkbox"/> OTHER(SPECIFY) _____ | | 20. PAINT COLOR: Aluminum | |

| VENT VALVE DATA | | | | |
|-----------------|-----------------|------------------|---|--|
| TYPE OF VENT | NUMBER OF VENTS | PRESSURE SETTING | DISCHARGE VENTED TO (ATMOSPHERE, FLARE, ETC.) | |
| 21. COMBINATION | a. | b. PSIG | c. | |
| 22. PRESSURE | a. | b. PSIG | c. | |
| 23. VACUUM | a. | b. PSIG | c. | |
| 24. OPEN | a. 1 | b. N/A PSIG | c. Atmosphere | |

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|---------------------------------|--------------------------------------|---|
| MATERIAL TO BE STORED | | 180° F. |
| 25. MATERIAL: Asphalt Emulsions | 26. DENSITY: 62.6 LB/FT ³ | 27. VAPOR PRESSURE AT 20°C: 1.9 X 10 PSIA |

| | | | |
|---|--|-------------------------------|---|
| STORAGE CONDITIONS | | | |
| 28. STORAGE TEMPERATURE: MINIMUM ambient °F MAXIMUM 210 °F | 29. TANK TURN OVER PER YEAR: 810,000 | | <input type="checkbox"/> BBLS/ <input checked="" type="checkbox"/> GALS/ YR |
| 30. MAXIMUM FILLING RATE: 15,000 | <input type="checkbox"/> BBLS/DAY <input checked="" type="checkbox"/> GALS/DAY | 31. AVERAGE THROUGHPUT: 3,000 | <input type="checkbox"/> BBLS/DAY <input checked="" type="checkbox"/> GALS/DAY |
| 32. PRESSURE EQUALIZERS USED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | 33. PERMANENT SUBMERGED LOADING PIPE USED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | | |
| 34. VAPOR LOSS CONTROL DEVICE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | IF VAPOR LOSS CONTROL DEVICE IS USED, COMPLETE "DATA & INFORMATION -- AIR POLLUTION CONTROL EQUIPMENT," (FORM APC-260), AS PART OF THIS APPLICATION. | | |

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STATE OF ILLINOIS
 ENVIRONMENTAL PROTECTION AGENCY
 DIVISION OF AIR POLLUTION CONTROL
 2200 CHURCHILL ROAD
 SPRINGFIELD, ILLINOIS 62706

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| PROCESS EMISSION SOURCE ADDENDUM TANK | FOR AGENCY USE ONLY |
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| | |
|--|--|
| 1. NAME OF OWNER: Asphalt Materials, Inc. | 2. NAME OF CORPORATE DIVISION OR PLANT (IF DIFFERENT FROM OWNER): Emulsicoat |
| 3. STREET ADDRESS OF EMISSION SOURCE: 705 East University Ave. | 4. CITY OF EMISSION SOURCE: Urbana |

| TANK INFORMATION | | | |
|---|----------------------------------|--|--|
| 5. NAME OF TANK MANUFACTURER: Clark County Metal | | 6. DESIGNATION OF TANK: Tank # 27 | |
| 7. SERIAL NUMBER: none | | 8. CAPACITY: 30,000 Gal. | |
| 9. TANK USE: Storage of Asphalt Emulsions | | 10. NUMBER OF SAME CAPACITY TANKS STORING SAME MATERIAL: 5 | |
| 11. TANK SHAPE: <input type="checkbox"/> HORIZONTAL <input checked="" type="checkbox"/> CYLINDRICAL <input type="checkbox"/> SPHERICAL <input type="checkbox"/> OTHER(SPECIFY) _____ | | | |
| 12. TANK DIAMETER: 12 FT | 13. TANK HEIGHT: 35 FT | 14. TANK LENGTH: N/A FT | |
| 15. STATUS: <input checked="" type="checkbox"/> EXISTING <input type="checkbox"/> ALTERATION | | 16. TANK TYPE: <input type="checkbox"/> PRESSURE <input checked="" type="checkbox"/> FIXED ROOF <input type="checkbox"/> FLOATING ROOF <input type="checkbox"/> OTHER(SPECIFY) _____ | |
| 17. SEAL: N/A <input type="checkbox"/> SINGLE <input type="checkbox"/> DOUBLE <input type="checkbox"/> OTHER (SPECIFY) _____ | | 18. AVERAGE DISTANCE FROM TOP OF TANK SHELL TO LIQUID: 5 FT. | |
| 19. SHELL TYPE: <input type="checkbox"/> RIVETED <input checked="" type="checkbox"/> WELDED <input type="checkbox"/> OTHER(SPECIFY) _____ | | 20. PAINT COLOR: Aluminum | |

| VENT VALVE DATA | | | |
|-----------------|-----------------|------------------|---|
| TYPE OF VENT | NUMBER OF VENTS | PRESSURE SETTING | DISCHARGE VENTED TO (ATMOSPHERE, FLARE, ETC.) |
| 21. COMBINATION | a. | b. PSIG | c. |
| 22. PRESSURE | a. | b. PSIG | c. |
| 23. VACUUM | a. | b. PSIG | c. |
| 24. OPEN | a. 1 | b. N/A PSIG | c. Atmosphere |

[Redacted]

| | | |
|---------------------------------|--------------------------------------|---|
| MATERIAL TO BE STORED | | 180° F. |
| 25. MATERIAL: Asphalt Emulsions | 26. DENSITY: 62.6 LB/FT ³ | 27. VAPOR PRESSURE AT 20°C: 1.9 X 10 ⁻² PSIA |

| STORAGE CONDITIONS | | | |
|---|--|---|--|
| 28. STORAGE TEMPERATURE: MINIMUM ambient °F | MAXIMUM | 210 °F | 29. TANK TURN OVER PER YEAR: 300,000 |
| 30. MAXIMUM FILLING RATE: | 15,000 | <input type="checkbox"/> BBLs/DAY <input checked="" type="checkbox"/> GALS/DAY | 31. AVERAGE THROUGHPUT: 1,100 <input type="checkbox"/> BBLs/DAY <input checked="" type="checkbox"/> GALS/DAY |
| 32. PRESSURE EQUALIZERS USED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | 33. PERMANENT SUBMERGED LOADING PIPE USED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | | |
| 34. VAPOR LOSS CONTROL DEVICE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | IF VAPOR LOSS CONTROL DEVICE IS USED, COMPLETE "DATA & INFORMATION -- AIR POLLUTION CONTROL EQUIPMENT," (FORM APC-260), AS PART OF THIS APPLICATION. | | |

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STATE OF ILLINOIS
 ENVIRONMENTAL PROTECTION AGENCY
 DIVISION OF AIR POLLUTION CONTROL
 2200 CHURCHILL ROAD
 SPRINGFIELD, ILLINOIS 62706

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| PROCESS EMISSION SOURCE ADDENDUM TANK | FOR AGENCY USE ONLY |
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|---|---|
| 1. NAME OF OWNER: Asphalt Materials, Inc. | 2. NAME OF CORPORATE DIVISION OR PLANT (IF DIFFERENT FROM OWNER): Emulsicoat |
| 3. STREET ADDRESS OF EMISSION SOURCE: 705 East University Ave. | 4. CITY OF EMISSION SOURCE: Urbana |

| TANK INFORMATION | | | |
|---|---|--|--|
| 5. NAME OF TANK MANUFACTURER: Clark County Metal | 6. DESIGNATION OF TANK: Tank # 28 | | |
| 7. SERIAL NUMBER: none | 8. CAPACITY: 30,000 Gal. | | |
| 9. TANK USE: Storage of Asphalt Emulsions | 10. NUMBER OF SAME CAPACITY TANKS STORING SAME MATERIAL: 5 | | |
| 11. TANK SHAPE: <input type="checkbox"/> HORIZONTAL <input checked="" type="checkbox"/> CYLINDRICAL <input type="checkbox"/> SPHERICAL <input type="checkbox"/> OTHER(SPECIFY) _____ | | | |
| 12. TANK DIAMETER: 12 FT | 13. TANK HEIGHT: 35 FT | 14. TANK LENGTH: N/A FT | |
| 15. STATUS: <input checked="" type="checkbox"/> EXISTING <input type="checkbox"/> ALTERATION | | 16. TANK TYPE: <input type="checkbox"/> PRESSURE <input checked="" type="checkbox"/> FIXED ROOF <input type="checkbox"/> FLOATING ROOF <input type="checkbox"/> OTHER(SPECIFY) _____ | |
| 17. SEAL: N/A <input type="checkbox"/> SINGLE <input type="checkbox"/> DOUBLE <input type="checkbox"/> OTHER (SPECIFY) _____ | | 18. AVERAGE DISTANCE FROM TOP OF TANK SHELL TO LIQUID: 5 FT. | |
| 19. SHELL TYPE: <input type="checkbox"/> RIVETED <input checked="" type="checkbox"/> WELDED <input type="checkbox"/> OTHER(SPECIFY) _____ | | 20. PAINT COLOR: Aluminum | |

| VENT VALVE DATA | | | | |
|-----------------|-----------------|------------------|------|---|
| TYPE OF VENT | NUMBER OF VENTS | PRESSURE SETTING | | DISCHARGE VENTED TO (ATMOSPHERE, FLARE, ETC.) |
| 21. COMBINATION | a. | b. | PSIG | c. |
| 22. PRESSURE | a. | b. | PSIG | c. |
| 23. VACUUM | a. | b. | PSIG | c. |
| 24. OPEN | a. 1 | b. N/A | PSIG | c. Atmosphere |

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| | | |
|---------------------------------|--------------------------------------|---|
| MATERIAL TO BE STORED | | 180° F. |
| 25. MATERIAL: Asphalt Emulsions | 26. DENSITY: 62.6 LB/FT ³ | 27. VAPOR PRESSURE AT 20°C: 1.9 X 10 PSIA |

| | | | |
|---|--|-------------------------------|---|
| STORAGE CONDITIONS | | | |
| 28. STORAGE TEMPERATURE: MINIMUM ambient °F MAXIMUM 210 °F | 29. TANK TURN OVER PER YEAR: 300,000 | | <input type="checkbox"/> BBLS/ <input checked="" type="checkbox"/> GALS/ YR |
| 30. MAXIMUM FILLING RATE: 15,000 | <input type="checkbox"/> BBLS/DAY <input checked="" type="checkbox"/> GALS/DAY | 31. AVERAGE THROUGHPUT: 1,100 | <input type="checkbox"/> BBLS/DAY <input checked="" type="checkbox"/> GALS/DAY |
| 32. PRESSURE EQUALIZERS USED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | 33. PERMANENT SUBMERGED LOADING PIPE USED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | | |
| 34. VAPOR LOSS CONTROL DEVICE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | IF VAPOR LOSS CONTROL DEVICE IS USED, COMPLETE "DATA & INFORMATION -- AIR POLLUTION CONTROL EQUIPMENT," (FORM APC-260), AS PART OF THIS APPLICATION. | | |

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STATE OF ILLINOIS
 ENVIRONMENTAL PROTECTION AGENCY
 DIVISION OF AIR POLLUTION CONTROL
 2200 CHURCHILL ROAD
 SPRINGFIELD, ILLINOIS 62706

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| PROCESS EMISSION SOURCE ADDENDUM TANK | FOR AGENCY USE ONLY |
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| | |
|---|---|
| 1. NAME OF OWNER: Asphalt Materials, Inc. | 2. NAME OF CORPORATE DIVISION OR PLANT (IF DIFFERENT FROM OWNER): Emulsicoat |
| 3. STREET ADDRESS OF EMISSION SOURCE: 705 East University Ave. | 4. CITY OF EMISSION SOURCE: Urbana |

| TANK INFORMATION | | | |
|---|---|--|--|
| 5. NAME OF TANK MANUFACTURER: Clark County Metal | 6. DESIGNATION OF TANK: Tank # 30 | | |
| 7. SERIAL NUMBER: NONE | 8. CAPACITY: 30,000 Gal. | | |
| 9. TANK USE: Storage of Asphalt Emulsions | 10. NUMBER OF SAME CAPACITY TANKS STORING SAME MATERIAL: 5 | | |
| 11. TANK SHAPE: <input type="checkbox"/> HORIZONTAL <input checked="" type="checkbox"/> CYLINDRICAL <input type="checkbox"/> SPHERICAL <input type="checkbox"/> OTHER(SPECIFY) _____ | | | |
| 12. TANK DIAMETER: 12 FT | 13. TANK HEIGHT: 35 FT | 14. TANK LENGTH: N/A FT | |
| 15. STATUS: <input checked="" type="checkbox"/> EXISTING <input type="checkbox"/> ALTERATION | | 16. TANK TYPE: <input type="checkbox"/> PRESSURE <input checked="" type="checkbox"/> FIXED ROOF <input type="checkbox"/> FLOATING ROOF <input type="checkbox"/> OTHER(SPECIFY) _____ | |
| 17. SEAL: N/A <input type="checkbox"/> SINGLE <input type="checkbox"/> DOUBLE <input type="checkbox"/> OTHER (SPECIFY) _____ | | 18. AVERAGE DISTANCE FROM TOP OF TANK SHELL TO LIQUID: 5 FT. | |
| 19. SHELL TYPE: <input type="checkbox"/> RIVETED <input checked="" type="checkbox"/> WELDED <input type="checkbox"/> OTHER(SPECIFY) _____ | | 20. PAINT COLOR: Aluminum | |

| VENT VALVE DATA | | | |
|-----------------|-----------------|------------------|---|
| TYPE OF VENT | NUMBER OF VENTS | PRESSURE SETTING | DISCHARGE VENTED TO (ATMOSPHERE, FLARE, ETC.) |
| 21. COMBINATION | a. | b. PSIG | c. |
| 22. PRESSURE | a. | b. PSIG | c. |
| 23. VACUUM | a. | b. PSIG | c. |
| 24. OPEN | a. 1 | b. N/A PSIG | c. Atmosphere |

[Redacted]

| | | |
|---------------------------------|--------------------------------------|---|
| MATERIAL TO BE STORED | | 180° F. |
| 25. MATERIAL: Asphalt Emulsions | 26. DENSITY: 62.6 LB/FT ³ | 27. VAPOR PRESSURE AT 20°C 1.9 X 10 PSIA |

| | | | |
|---|--|--------------------------------|---|
| STORAGE CONDITIONS | | | |
| 28. STORAGE TEMPERATURE: MINIMUM ambient °F MAXIMUM 210 °F | 29. TANK TURN OVER PER YEAR: 300,000 | <input type="checkbox"/> BBLS/ | <input checked="" type="checkbox"/> GALS/ YR |
| 30. MAXIMUM FILLING RATE: 15,000 | <input type="checkbox"/> BBLS/DAY <input checked="" type="checkbox"/> GALS/DAY | 31. AVERAGE THROUGHPUT: 1,000 | <input type="checkbox"/> BBLS/DAY <input checked="" type="checkbox"/> GALS/DAY |
| 32. PRESSURE EQUALIZERS USED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | 33. PERMANENT SUBMERGED LOADING PIPE USED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | | |
| 34. VAPOR LOSS CONTROL DEVICE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | IF VAPOR LOSS CONTROL DEVICE IS USED, COMPLETE "DATA & INFORMATION -- AIR POLLUTION CONTROL EQUIPMENT," (FORM APC-260), AS PART OF THIS APPLICATION. | | |

This Agency is authorized to require this information under Illinois Revised Statutes, 1979, Chapter 111 1/2, Section 1039. Disclosure of this information is required under that Section. Failure to do so may prevent this form from being processed and could result in your application being denied. This form has been approved by the Forms Management Center.



STATE OF ILLINOIS
 ENVIRONMENTAL PROTECTION AGENCY
 DIVISION OF AIR POLLUTION CONTROL
 2200 CHURCHILL ROAD
 SPRINGFIELD, ILLINOIS 62706

| | |
|--|---------------------|
| PROCESS EMISSION SOURCE ADDENDUM TANK | FOR AGENCY USE ONLY |
|--|---------------------|

| | |
|---|---|
| 1. NAME OF OWNER: Asphalt Materials, Inc. | 2. NAME OF CORPORATE DIVISION OR PLANT (IF DIFFERENT FROM OWNER): Emulsicoat, Inc. |
| 3. STREET ADDRESS OF EMISSION SOURCE: 705 E. University Ave. | 4. CITY OF EMISSION SOURCE: Urbana |

| TANK INFORMATION | | | |
|---|---------------------------|--|--|
| 5. NAME OF TANK MANUFACTURER: Emulsicoat, Inc. | | 6. DESIGNATION OF TANK: Tank #43 | |
| 7. SERIAL NUMBER: None | | 8. CAPACITY: 23,688 Gallons | |
| 9. TANK USE: Storage of Asphalt Emulsions | | 10. NUMBER OF SAME CAPACITY TANKS STORING SAME MATERIAL: 3 | |
| 11. TANK SHAPE: <input type="checkbox"/> HORIZONTAL <input checked="" type="checkbox"/> CYLINDRICAL <input type="checkbox"/> SPHERICAL <input type="checkbox"/> OTHER(SPECIFY) _____ | | | |
| 12. TANK DIAMETER: 12 FT | 13. TANK HEIGHT: 28 FT | 14. TANK LENGTH: N/A FT | |
| 15. STATUS: <input checked="" type="checkbox"/> EXISTING <input type="checkbox"/> ALTERATION | | 16. TANK TYPE: <input type="checkbox"/> PRESSURE <input checked="" type="checkbox"/> FIXED ROOF <input type="checkbox"/> FLOATING ROOF <input type="checkbox"/> OTHER(SPECIFY) _____ | |
| 17. SEAL: <input type="checkbox"/> SINGLE <input type="checkbox"/> DOUBLE <input checked="" type="checkbox"/> OTHER (SPECIFY) _____ | | 18. AVERAGE DISTANCE FROM TOP OF TANK SHELL TO LIQUID: 5 FT. | |
| 19. SHELL TYPE: <input type="checkbox"/> RIVETED <input checked="" type="checkbox"/> WELDED <input type="checkbox"/> OTHER(SPECIFY) _____ | | 20. PAINT COLOR: Aluminum | |

| VENT VALVE DATA | | | |
|-----------------|-----------------|------------------|---|
| TYPE OF VENT | NUMBER OF VENTS | PRESSURE SETTING | DISCHARGE VENTED TO (ATMOSPHERE, FLARE, ETC.) |
| 21. COMBINATION | a. | b. PSIG | c. |
| 22. PRESSURE | a. | b. PSIG | c. |
| 23. VACUUM | a. | b. PSIG | c. |
| 24. OPEN | a. 1 | b. N/A PSIG | c. Atmosphere |

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| MATERIAL TO BE STORED | | | 180° F |
|---|--|---|--------|
| 25. MATERIAL: <p style="text-align: center; font-size: 1.2em;">Asphalt Emulsions</p> | 26. DENSITY: <p style="text-align: center; font-size: 1.2em;">62.6</p> LB/FT ³ | 27. VAPOR PRESSURE AT 70°F: <p style="text-align: center; font-size: 1.2em;">1.9 X 10</p> PSIA | |

| STORAGE CONDITIONS | | | |
|--|---|--|---|
| 28. STORAGE TEMPERATURE: MINIMUM <u>Ambient</u> °F MAXIMUM <u>210</u> °F | 29. TANK TURN OVER PER YEAR: <p style="text-align: center; font-size: 1.2em;">240,000</p> | | <input type="checkbox"/> BBLS/ <input checked="" type="checkbox"/> GALS/Yr. |
| 30. MAXIMUM FILLING RATE: <p style="text-align: center; font-size: 1.2em;">15,000</p> <input type="checkbox"/> BBLS/DAY <input checked="" type="checkbox"/> GALS/DAY | 31. AVERAGE THROUGHPUT: <p style="text-align: center; font-size: 1.2em;">870</p> <input type="checkbox"/> BBLS/DAY <input checked="" type="checkbox"/> GALS/DAY | | <input type="checkbox"/> BBLS/DAY <input checked="" type="checkbox"/> GALS/DAY |
| 32. PRESSURE EQUALIZERS USED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | 33. PERMANENT SUBMERGED LOADING PIPE USED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| 34. VAPOR LOSS CONTROL DEVICE? IF VAPOR LOSS CONTROL DEVICE IS USED, COMPLETE "DATA & INFORMATION -- AIR POLLUTION CONTROL EQUIPMENT," (FORM APC-260), AS PART OF THIS APPLICATION. | | | |

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STATE OF ILLINOIS
 ENVIRONMENTAL PROTECTION AGENCY
 DIVISION OF AIR POLLUTION CONTROL
 2200 CHURCHILL ROAD
 SPRINGFIELD, ILLINOIS 62706

| | |
|--|---------------------|
| PROCESS EMISSION SOURCE ADDENDUM TANK | FOR AGENCY USE ONLY |
|--|---------------------|

| | |
|---|---|
| 1. NAME OF OWNER: Asphalt Materials, Inc. | 2. NAME OF CORPORATE DIVISION OR PLANT (IF DIFFERENT FROM OWNER): Emulsicoat, Inc. |
| 3. STREET ADDRESS OF EMISSION SOURCE: 705 E. University Avenue | 4. CITY OF EMISSION SOURCE: Urbana |

| TANK INFORMATION | | | |
|---|---------------------------|--|--|
| 5. NAME OF TANK MANUFACTURER: Emulsicoat, Inc. | | 6. DESIGNATION OF TANK: Tank #42 | |
| 7. SERIAL NUMBER: None | | 8. CAPACITY: 23,688 Gallons | |
| 9. TANK USE: Storage of Asphalt Emulsions | | 10. NUMBER OF SAME CAPACITY TANKS STORING SAME MATERIAL: 3 | |
| 11. TANK SHAPE: <input type="checkbox"/> HORIZONTAL <input checked="" type="checkbox"/> CYLINDRICAL <input type="checkbox"/> SPHERICAL <input type="checkbox"/> OTHER(SPECIFY) _____ | | | |
| 12. TANK DIAMETER: 12 FT | 13. TANK HEIGHT: 28 FT | 14. TANK LENGTH: N/A FT | |
| 15. STATUS: <input checked="" type="checkbox"/> EXISTING <input type="checkbox"/> ALTERATION | | 16. TANK TYPE: <input type="checkbox"/> PRESSURE <input checked="" type="checkbox"/> FIXED ROOF <input type="checkbox"/> FLOATING ROOF <input type="checkbox"/> OTHER(SPECIFY) _____ | |
| 17. SEAL: N/A <input type="checkbox"/> SINGLE <input type="checkbox"/> DOUBLE <input type="checkbox"/> OTHER (SPECIFY) _____ | | 18. AVERAGE DISTANCE FROM TOP OF TANK SHELL TO LIQUID: 5 FT. | |
| 19. SHELL TYPE: <input type="checkbox"/> RIVETED <input checked="" type="checkbox"/> WELDED <input type="checkbox"/> OTHER(SPECIFY) _____ | | 20. PAINT COLOR: Aluminum | |

| VENT VALVE DATA | | | |
|-----------------|-----------------|------------------|---|
| TYPE OF VENT | NUMBER OF VENTS | PRESSURE SETTING | DISCHARGE VENTED TO (ATMOSPHERE, FLARE, ETC.) |
| 21. COMBINATION | a. | b. PSIG | c. |
| 22. PRESSURE | a. | b. PSIG | c. |
| 23. VACUUM | a. | b. PSIG | c. |
| 24. OPEN | a. 1 | b. N/A PSIG | c. Atmosphere |

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|------------------------------------|---|--|
| MATERIAL TO BE STORED | | 180° F |
| 25. MATERIAL: Asphalt Emulsions | 26. DENSITY: 62.6 LB/FT ³ | 27. VAPOR PRESSURE AT 70°F: 1.9 X 10 PSIA |

| | | | |
|---|--|--------------------------------|---|
| STORAGE CONDITIONS | | | |
| 28. STORAGE TEMPERATURE: MINIMUM <u>Ambient</u> °F MAXIMUM <u>210</u> °F | 29. TANK TURN OVER PER YEAR: 240,000 | <input type="checkbox"/> BBLS/ | <input checked="" type="checkbox"/> GALS/ Yr |
| 30. MAXIMUM FILLING RATE: 15,000 | <input type="checkbox"/> BBLS/DAY <input checked="" type="checkbox"/> GALS/DAY | 31. AVERAGE THROUGHPUT: 870 | <input type="checkbox"/> BBLS/DAY <input checked="" type="checkbox"/> GALS/DAY |
| 32. PRESSURE EQUALIZERS USED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | 33. PERMANENT SUBMERGED LOADING PIPE USED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | | |
| 34. VAPOR LOSS CONTROL DEVICE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | IF VAPOR LOSS CONTROL DEVICE IS USED, COMPLETE "DATA & INFORMATION -- AIR POLLUTION CONTROL EQUIPMENT," (FORM APC-260), AS PART OF THIS APPLICATION. | | |

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STATE OF ILLINOIS
 ENVIRONMENTAL PROTECTION AGENCY
 DIVISION OF AIR POLLUTION CONTROL
 2200 CHURCHILL ROAD
 SPRINGFIELD, ILLINOIS 62706

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| PROCESS EMISSION SOURCE ADDENDUM TANK | FOR AGENCY USE ONLY |
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| | |
|---|---|
| 1. NAME OF OWNER: Asphalt Materials, Inc. | 2. NAME OF CORPORATE DIVISION OR PLANT (IF DIFFERENT FROM OWNER): Emulsicoat, Inc. |
| 3. STREET ADDRESS OF EMISSION SOURCE: 705 East University Ave. | 4. CITY OF EMISSION SOURCE: Urbana |

| TANK INFORMATION | | | |
|---|---------------------------|--|--|
| 5. NAME OF TANK MANUFACTURER: Emulsicoat, Inc. | | 6. DESIGNATION OF TANK: Tank #41 | |
| 7. SERIAL NUMBER: None | | 8. CAPACITY: 23,688 Gallons | |
| 9. TANK USE: Storage of Asphalt Emulsions | | 10. NUMBER OF SAME CAPACITY TANKS STORING SAME MATERIAL: 3 | |
| 11. TANK SHAPE: <input type="checkbox"/> HORIZONTAL <input checked="" type="checkbox"/> CYLINDRICAL <input type="checkbox"/> SPHERICAL <input type="checkbox"/> OTHER(SPECIFY) _____ | | | |
| 12. TANK DIAMETER: 12 FT | 13. TANK HEIGHT: 28 FT | 14. TANK LENGTH: N/A FT | |
| 15. STATUS: <input checked="" type="checkbox"/> EXISTING <input type="checkbox"/> ALTERATION | | 16. TANK TYPE: <input type="checkbox"/> PRESSURE <input checked="" type="checkbox"/> FIXED ROOF <input type="checkbox"/> FLOATING ROOF <input type="checkbox"/> OTHER(SPECIFY) _____ | |
| 17. SEAL: N/A <input type="checkbox"/> SINGLE <input type="checkbox"/> DOUBLE <input type="checkbox"/> OTHER (SPECIFY) _____ | | 18. AVERAGE DISTANCE FROM TOP OF TANK SHELL TO LIQUID: 5 FT. | |
| 19. SHELL TYPE: <input type="checkbox"/> RIVETED <input checked="" type="checkbox"/> WELDED <input type="checkbox"/> OTHER(SPECIFY) _____ | | 20. PAINT COLOR: Aluminum | |

| VENT VALVE DATA | | | |
|-----------------|-----------------|------------------|---|
| TYPE OF VENT | NUMBER OF VENTS | PRESSURE SETTING | DISCHARGE VENTED TO (ATMOSPHERE, FLARE, ETC.) |
| 21. COMBINATION | a. | b. PSIG | c. |
| 22. PRESSURE | a. | b. PSIG | c. |
| 23. VACUUM | a. | b. PSIG | c. |
| 24. OPEN | a. 1 | b. N/A PSIG | c. Atmosphere |

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| MATERIAL TO BE STORED | | 180° F |
|---|---|--|
| 25. MATERIAL: Asphalt Emulsions | 26. DENSITY: 62.6 LB/FT ³ | 27. VAPOR PRESSURE AT 70°F: 1.9 X 10 PSIA |

| STORAGE CONDITIONS | |
|--|--|
| 28. STORAGE TEMPERATURE: MINIMUM <u>Ambient</u> °F MAXIMUM <u>210</u> °F | 29. TANK TURN OVER PER YEAR: 240,000 <input type="checkbox"/> BBLS/ <input checked="" type="checkbox"/> GALS/Yr. |
| 30. MAXIMUM FILLING RATE: 15,000 <input type="checkbox"/> BBLS/DAY <input checked="" type="checkbox"/> GALS/DAY | 31. AVERAGE THROUGHPUT: 870 <input type="checkbox"/> BBLS/DAY <input checked="" type="checkbox"/> GALS/DAY |
| 32. PRESSURE EQUALIZERS USED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | 33. PERMANENT SUBMERGED LOADING PIPE USED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO |
| 34. VAPOR LOSS CONTROL DEVICE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | IF VAPOR LOSS CONTROL DEVICE IS USED, COMPLETE "DATA & INFORMATION -- AIR POLLUTION CONTROL EQUIPMENT," (FORM APC-260), AS PART OF THIS APPLICATION. |

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STATE OF ILLINOIS
 ENVIRONMENTAL PROTECTION AGENCY
 DIVISION OF AIR POLLUTION CONTROL
 2200 CHURCHILL ROAD
 SPRINGFIELD, ILLINOIS 62706

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| PROCESS EMISSION SOURCE ADDENDUM TANK | FOR AGENCY USE ONLY |
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| | |
|---|---|
| 1. NAME OF OWNER: Asphalt Materials, Inc. | 2. NAME OF CORPORATE DIVISION OR PLANT (IF DIFFERENT FROM OWNER): Emulsicoat |
| 3. STREET ADDRESS OF EMISSION SOURCE: 705 East University Ave. | 4. CITY OF EMISSION SOURCE: Urbana |

| TANK INFORMATION | | | |
|--|---|---|--|
| 5. NAME OF TANK MANUFACTURER: Clark County Metal | 6. DESIGNATION OF TANK: Tank # 101 | | |
| 7. SERIAL NUMBER: none | 8. CAPACITY: 30,000 Gal. | | |
| 9. TANK USE: Storage of Asphalt Cement | 10. NUMBER OF SAME CAPACITY TANKS STORING SAME MATERIAL: 5 | | |
| 11. TANK SHAPE: <input type="checkbox"/> HORIZONTAL <input checked="" type="checkbox"/> CYLINDRICAL <input type="checkbox"/> SPHERICAL <input type="checkbox"/> OTHER(SPECIFY) _____ | | | |
| 12. TANK DIAMETER: 12 FT | 13. TANK HEIGHT: 35 FT | 14. TANK LENGTH: N/A FT | |
| 15. STATUS: <input checked="" type="checkbox"/> EXISTING <input type="checkbox"/> ALTERATION | | 16. TANK TYPE: <input checked="" type="checkbox"/> FIXED ROOF <input type="checkbox"/> FLOATING ROOF <input type="checkbox"/> PRESSURE <input type="checkbox"/> OTHER(SPECIFY) _____ | |
| 17. SEAL: N/A <input type="checkbox"/> SINGLE <input type="checkbox"/> DOUBLE <input type="checkbox"/> OTHER (SPECIFY) _____ | | 18. AVERAGE DISTANCE FROM TOP OF TANK SHELL TO LIQUID: 5 FT. | |
| 19. SHELL TYPE: <input type="checkbox"/> RIVETED <input checked="" type="checkbox"/> WELDED <input type="checkbox"/> OTHER(SPECIFY) _____ | | 20. PAINT COLOR: Aluminum | |

| VENT VALVE DATA | | | |
|-----------------|-----------------|------------------|---|
| TYPE OF VENT | NUMBER OF VENTS | PRESSURE SETTING | DISCHARGE VENTED TO (ATMOSPHERE, FLARE, ETC.) |
| 21. COMBINATION | a. | b. PSIG | c. |
| 22. PRESSURE | a. | b. PSIG | c. |
| 23. VACUUM | a. | b. PSIG | c. |
| 24. OPEN | a. 1 | b. N/A PSIG | c. Atmosphere |

[Redacted]

| | | |
|------------------------------|--------------------------------------|---|
| MATERIAL TO BE STORED | | 300°F |
| 25. MATERIAL: Asphalt Cement | 26. DENSITY: 63.3 LB/FT ³ | 27. VAPOR PRESSURE AT 1.9 X 10 ⁻⁹ PSIA |

| | | | |
|---|--|----------------------------------|--|
| STORAGE CONDITIONS | | | |
| 28. STORAGE TEMPERATURE: MINIMUM ambient °F MAXIMUM 200 °F | 29. TANK TURN OVER PER YEAR: 90,000 | <input type="checkbox"/> BBLS/yr | <input checked="" type="checkbox"/> GALS/yr |
| 30. MAXIMUM FILLING RATE: 10,000 | <input type="checkbox"/> BBLS/DAY | 31. AVERAGE THROUGHPUT: 350 | <input type="checkbox"/> BBLS/DAY |
| | <input checked="" type="checkbox"/> GALS/DAY | | <input checked="" type="checkbox"/> GALS/DAY |
| 32. PRESSURE EQUALIZERS USED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | 33. PERMANENT SUBMERGED LOADING PIPE USED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | | |
| 34. VAPOR LOSS CONTROL DEVICE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | IF VAPOR LOSS CONTROL DEVICE IS USED, COMPLETE "DATA & INFORMATION -- AIR POLLUTION CONTROL EQUIPMENT," (FORM APC-260), AS PART OF THIS APPLICATION. | | |

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STATE OF ILLINOIS
 ENVIRONMENTAL PROTECTION AGENCY
 DIVISION OF AIR POLLUTION CONTROL
 2200 CHURCHILL ROAD
 SPRINGFIELD, ILLINOIS 62706

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| PROCESS EMISSION SOURCE ADDENDUM TANK | FOR AGENCY USE ONLY |
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| | |
|---|---|
| 1. NAME OF OWNER: Asphalt Materials, Inc. | 2. NAME OF CORPORATE DIVISION OR PLANT (IF DIFFERENT FROM OWNER): Emulsicoat |
| 3. STREET ADDRESS OF EMISSION SOURCE: 705 East University Ave. | 4. CITY OF EMISSION SOURCE: Urbana |

| TANK INFORMATION | | | |
|--|---|---|--|
| 5. NAME OF TANK MANUFACTURER: Clark County Metal | 6. DESIGNATION OF TANK: Tank # 102 | | |
| 7. SERIAL NUMBER: none | 8. CAPACITY: 30,000 Gal. | | |
| 9. TANK USE: Storage of Asphalt Cement | 10. NUMBER OF SAME CAPACITY TANKS STORING SAME MATERIAL: 5 | | |
| 11. TANK SHAPE: <input type="checkbox"/> HORIZONTAL <input checked="" type="checkbox"/> CYLINDRICAL <input type="checkbox"/> SPHERICAL <input type="checkbox"/> OTHER(SPECIFY) _____ | | | |
| 12. TANK DIAMETER: 12 FT | 13. TANK HEIGHT: 35 FT | 14. TANK LENGTH: N/A FT | |
| 15. STATUS: <input checked="" type="checkbox"/> EXISTING <input type="checkbox"/> ALTERATION | | 16. TANK TYPE: <input checked="" type="checkbox"/> FIXED ROOF <input type="checkbox"/> FLOATING ROOF <input type="checkbox"/> PRESSURE <input type="checkbox"/> OTHER(SPECIFY) _____ | |
| 17. SEAL: N/A <input type="checkbox"/> SINGLE <input type="checkbox"/> DOUBLE <input type="checkbox"/> OTHER (SPECIFY) _____ | | 18. AVERAGE DISTANCE FROM TOP OF TANK SHELL TO LIQUID: 5 FT. | |
| 19. SHELL TYPE: <input type="checkbox"/> RIVETED <input checked="" type="checkbox"/> WELDED <input type="checkbox"/> OTHER(SPECIFY) _____ | | 20. PAINT COLOR: Aluminum | |

| VENT VALVE DATA | | | |
|-----------------|-----------------|------------------|---|
| TYPE OF VENT | NUMBER OF VENTS | PRESSURE SETTING | DISCHARGE VENTED TO (ATMOSPHERE, FLARE, ETC.) |
| 21. COMBINATION | a. | b. PSIG | c. |
| 22. PRESSURE | a. | b. PSIG | c. |
| 23. VACUUM | a. | b. PSIG | c. |
| 24. OPEN | a. 1 | b. N/A PSIG | c. Atmosphere |

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|------------------------------|--------------------------------------|---|-------|
| MATERIAL TO BE STORED | | | 300°F |
| 25. MATERIAL: Asphalt Cement | 26. DENSITY: 63.3 LB/FT ³ | 27. VAPOR PRESSURE AT 1.9 X 10 ⁻⁹ PSIA | |

| | | | |
|---|--|--|---|
| STORAGE CONDITIONS | | | |
| 28. STORAGE TEMPERATURE: MINIMUM ambient °F MAXIMUM 200 °F | 29. TANK TURN OVER PER YEAR: 90,000 | <input type="checkbox"/> BBLS/ GALS/ yr <input checked="" type="checkbox"/> GALS/ DAY | |
| 30. MAXIMUM FILLING RATE: 10,000 | <input type="checkbox"/> BBLS/DAY <input checked="" type="checkbox"/> GALS/DAY | 31. AVERAGE THROUGHPUT: 350 | <input type="checkbox"/> BBLS/DAY <input checked="" type="checkbox"/> GALS/DAY |
| 32. PRESSURE EQUALIZERS USED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | 33. PERMANENT SUBMERGED LOADING PIPE USED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | | |
| 34. VAPOR LOSS CONTROL DEVICE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | IF VAPOR LOSS CONTROL DEVICE IS USED, COMPLETE "DATA & INFORMATION -- AIR POLLUTION CONTROL EQUIPMENT," (FORM APC-260), AS PART OF THIS APPLICATION. | | |

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STATE OF ILLINOIS
 ENVIRONMENTAL PROTECTION AGENCY
 DIVISION OF AIR POLLUTION CONTROL
 2200 CHURCHILL ROAD
 SPRINGFIELD, ILLINOIS 62706

| | |
|--|---------------------|
| PROCESS EMISSION SOURCE ADDENDUM TANK | FOR AGENCY USE ONLY |
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| | |
|---|---|
| 1. NAME OF OWNER: Asphalt Materials, Inc. | 2. NAME OF CORPORATE DIVISION OR PLANT (IF DIFFERENT FROM OWNER): Emulsicoat |
| 3. STREET ADDRESS OF EMISSION SOURCE: 705 East University Ave. | 4. CITY OF EMISSION SOURCE: Urbana |

| TANK INFORMATION | | | |
|--|---|---|--|
| 5. NAME OF TANK MANUFACTURER: Clark County Metal | 6. DESIGNATION OF TANK: Tank # 103 | | |
| 7. SERIAL NUMBER: none | 8. CAPACITY: 30,000 Gal. | | |
| 9. TANK USE: Storage of Asphalt Cement | 10. NUMBER OF SAME CAPACITY TANKS STORING SAME MATERIAL: 5 | | |
| 11. TANK SHAPE: <input type="checkbox"/> HORIZONTAL <input checked="" type="checkbox"/> CYLINDRICAL <input type="checkbox"/> SPHERICAL <input type="checkbox"/> OTHER(SPECIFY) _____ | | | |
| 12. TANK DIAMETER: 12 FT | 13. TANK HEIGHT: 35 FT | 14. TANK LENGTH: N/A FT | |
| 15. STATUS: <input checked="" type="checkbox"/> EXISTING <input type="checkbox"/> ALTERATION | | 16. TANK TYPE: <input checked="" type="checkbox"/> FIXED ROOF <input type="checkbox"/> FLOATING ROOF <input type="checkbox"/> PRESSURE <input type="checkbox"/> OTHER(SPECIFY) _____ | |
| 17. SEAL: N/A <input type="checkbox"/> SINGLE <input type="checkbox"/> DOUBLE <input type="checkbox"/> OTHER (SPECIFY) _____ | | 18. AVERAGE DISTANCE FROM TOP OF TANK SHELL TO LIQUID: 5 FT. | |
| 19. SHELL TYPE: <input type="checkbox"/> RIVETED <input checked="" type="checkbox"/> WELDED <input type="checkbox"/> OTHER(SPECIFY) _____ | | 20. PAINT COLOR: Aluminum | |

| VENT VALVE DATA | | | | |
|-----------------|-----------------|------------------|---|--|
| TYPE OF VENT | NUMBER OF VENTS | PRESSURE SETTING | DISCHARGE VENTED TO (ATMOSPHERE, FLARE, ETC.) | |
| 21. COMBINATION | a. | b. PSIG | c. | |
| 22. PRESSURE | a. | b. PSIG | c. | |
| 23. VACUUM | a. | b. PSIG | c. | |
| 24. OPEN | a. 1 | b. N/A PSIG | c. Atmosphere | |

MATERIAL TO BE STORED

300°F

25. MATERIAL:

Asphalt Cement

26. DENSITY:

63.3 LB/FT³

27. VAPOR PRESSURE AT
1.9 X 10⁻⁹

PSIA

STORAGE CONDITIONS

28. STORAGE TEMPERATURE:
MINIMUM ambient °F

MAXIMUM 200 °F

29. TANK TURN OVER PER YEAR:

90,000

BBLS/
 GALS/ yr

30. MAXIMUM FILLING RATE:

10,000

BBLS/DAY
 GALS/DAY

31. AVERAGE THROUGHPUT:

350

BBLS/DAY
 GALS/DAY

32. PRESSURE EQUALIZERS USED?

YES

NO

33. PERMANENT SUBMERGED LOADING PIPE USED?

YES

NO

34. VAPOR LOSS CONTROL DEVICE?

YES

NO

IF VAPOR LOSS CONTROL DEVICE IS USED, COMPLETE "DATA & INFORMATION -- AIR POLLUTION CONTROL EQUIPMENT," (FORM APC-260), AS PART OF THIS APPLICATION.

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STATE OF ILLINOIS
 ENVIRONMENTAL PROTECTION AGENCY
 DIVISION OF AIR POLLUTION CONTROL
 2200 CHURCHILL ROAD
 SPRINGFIELD, ILLINOIS 62706

| | |
|--|---------------------|
| PROCESS EMISSION SOURCE ADDENDUM TANK | FOR AGENCY USE ONLY |
|--|---------------------|

| | |
|---|---|
| 1. NAME OF OWNER: Asphalt Materials, Inc. | 2. NAME OF CORPORATE DIVISION OR PLANT (IF DIFFERENT FROM OWNER): Emulsicoat |
| 3. STREET ADDRESS OF EMISSION SOURCE: 705 East University Ave. | 4. CITY OF EMISSION SOURCE: Urbana |

| TANK INFORMATION | | | |
|--|---|---|--|
| 5. NAME OF TANK MANUFACTURER: Clark County Metal | 6. DESIGNATION OF TANK: Tank # 104 | | |
| 7. SERIAL NUMBER: none | 8. CAPACITY: 30,000 Gal. | | |
| 9. TANK USE: Storage of Asphalt Cement | 10. NUMBER OF SAME CAPACITY TANKS STORING SAME MATERIAL: 5 | | |
| 11. TANK SHAPE: <input type="checkbox"/> HORIZONTAL <input checked="" type="checkbox"/> CYLINDRICAL <input type="checkbox"/> SPHERICAL <input type="checkbox"/> OTHER(SPECIFY) _____ | | | |
| 12. TANK DIAMETER: 12 FT | 13. TANK HEIGHT: 35 FT | 14. TANK LENGTH: N/A FT | |
| 15. STATUS: <input checked="" type="checkbox"/> EXISTING <input type="checkbox"/> ALTERATION | | 16. TANK TYPE: <input checked="" type="checkbox"/> FIXED ROOF <input type="checkbox"/> FLOATING ROOF <input type="checkbox"/> PRESSURE <input type="checkbox"/> OTHER(SPECIFY) _____ | |
| 17. SEAL: N/A <input type="checkbox"/> SINGLE <input type="checkbox"/> DOUBLE <input type="checkbox"/> OTHER (SPECIFY) _____ | | 18. AVERAGE DISTANCE FROM TOP OF TANK SHELL TO LIQUID: 5 FT. | |
| 19. SHELL TYPE: <input type="checkbox"/> RIVETED <input checked="" type="checkbox"/> WELDED <input type="checkbox"/> OTHER(SPECIFY) _____ | | 20. PAINT COLOR: Aluminum | |

| VENT VALVE DATA | | | |
|-----------------|-----------------|------------------|---|
| TYPE OF VENT | NUMBER OF VENTS | PRESSURE SETTING | DISCHARGE VENTED TO (ATMOSPHERE, FLARE, ETC.) |
| 21. COMBINATION | a. | b. PSIG | c. |
| 22. PRESSURE | a. | b. PSIG | c. |
| 23. VACUUM | a. | b. PSIG | c. |
| 24. OPEN | a. 1 | b. N/A PSIG | c. Atmosphere |

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|------------------------------|--------------------------------------|---|
| MATERIAL TO BE STORED | | 300°F |
| 25. MATERIAL: Asphalt Cement | 26. DENSITY: 63.3 LB/FT ³ | 27. VAPOR PRESSURE AT 1.9 X 10 ⁻⁹ PSIA |

| | | | |
|---|--|--------------------------------|---|
| STORAGE CONDITIONS | | | |
| 28. STORAGE TEMPERATURE: MINIMUM ambient °F MAXIMUM 200 °F | 29. TANK TURN OVER PER YEAR: 90,000 | <input type="checkbox"/> BBLS/ | <input checked="" type="checkbox"/> GALS/ YR |
| 30. MAXIMUM FILLING RATE: 10,000 | <input type="checkbox"/> BBLS/DAY <input checked="" type="checkbox"/> GALS/DAY | 31. AVERAGE THROUGHPUT: 350 | <input type="checkbox"/> BBLS/DAY <input checked="" type="checkbox"/> GALS/DAY |
| 32. PRESSURE EQUALIZERS USED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | 33. PERMANENT SUBMERGED LOADING PIPE USED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | | |
| 34. VAPOR LOSS CONTROL DEVICE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | IF VAPOR LOSS CONTROL DEVICE IS USED, COMPLETE "DATA & INFORMATION -- AIR POLLUTION CONTROL EQUIPMENT," (FORM APC-260), AS PART OF THIS APPLICATION. | | |

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STATE OF ILLINOIS
 ENVIRONMENTAL PROTECTION AGENCY
 DIVISION OF AIR POLLUTION CONTROL
 2200 CHURCHILL ROAD
 SPRINGFIELD, ILLINOIS 62706

| | |
|--|---------------------|
| PROCESS EMISSION SOURCE ADDENDUM TANK | FOR AGENCY USE ONLY |
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| | |
|---|---|
| 1. NAME OF OWNER: Asphalt Materials, Inc. | 2. NAME OF CORPORATE DIVISION OR PLANT (IF DIFFERENT FROM OWNER): Emulsicoat |
| 3. STREET ADDRESS OF EMISSION SOURCE: 705 East University Ave. | 4. CITY OF EMISSION SOURCE: Urbana |

| TANK INFORMATION | | | |
|---|---|--|--|
| 5. NAME OF TANK MANUFACTURER: Clark County Metal | 6. DESIGNATION OF TANK: Tank # 105 | | |
| 7. SERIAL NUMBER: none | 8. CAPACITY: 30,000 Gal. | | |
| 9. TANK USE: Storage of Asphalt Cement | 10. NUMBER OF SAME CAPACITY TANKS STORING SAME MATERIAL: 5 | | |
| 11. TANK SHAPE: <input type="checkbox"/> HORIZONTAL <input checked="" type="checkbox"/> CYLINDRICAL <input type="checkbox"/> SPHERICAL <input type="checkbox"/> OTHER(SPECIFY) _____ | | | |
| 12. TANK DIAMETER: _____ FT | 13. TANK HEIGHT: _____ FT | 14. TANK LENGTH: N/A FT | |
| 15. STATUS: <input checked="" type="checkbox"/> EXISTING <input type="checkbox"/> ALTERATION | | 16. TANK TYPE: <input type="checkbox"/> PRESSURE <input checked="" type="checkbox"/> FIXED ROOF <input type="checkbox"/> FLOATING ROOF <input type="checkbox"/> OTHER(SPECIFY) _____ | |
| 17. SEAL: N/A <input type="checkbox"/> SINGLE <input type="checkbox"/> DOUBLE <input type="checkbox"/> OTHER (SPECIFY) _____ | | 18. AVERAGE DISTANCE FROM TOP OF TANK SHELL TO LIQUID: 5 FT. | |
| 19. SHELL TYPE: <input type="checkbox"/> RIVETED <input checked="" type="checkbox"/> WELDED <input type="checkbox"/> OTHER(SPECIFY) _____ | | 20. PAINT COLOR: Aluminum | |

| VENT VALVE DATA | | | |
|-----------------|-----------------|------------------|---|
| TYPE OF VENT | NUMBER OF VENTS | PRESSURE SETTING | DISCHARGE VENTED TO (ATMOSPHERE, FLARE, ETC.) |
| 21. COMBINATION | a. | b. PSIG | c. |
| 22. PRESSURE | a. | b. PSIG | c. |
| 23. VACUUM | a. | b. PSIG | c. |
| 24. OPEN | a. 1 | b. N/A PSIG | c. Atmosphere |

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|------------------------------|--------------------------------------|---|
| MATERIAL TO BE STORED | | 300°F |
| 25. MATERIAL: Asphalt Cement | 26. DENSITY: 63.3 LB/FT ³ | 27. VAPOR PRESSURE AT 1.9 X 10 ⁻⁹ PSIA |

| | | | |
|---|--|--------------------------------|--|
| STORAGE CONDITIONS | | | |
| 28. STORAGE TEMPERATURE: MINIMUM ambient °F MAXIMUM 200 °F | 29. TANK TURN OVER PER YEAR: 90,000 | <input type="checkbox"/> BBLS/ | <input checked="" type="checkbox"/> GALS/ yr |
| 30. MAXIMUM FILLING RATE: 10,000 | <input type="checkbox"/> BBLS/DAY | 31. AVERAGE THROUGHPUT: 350 | <input type="checkbox"/> BBLS/DAY |
| | <input checked="" type="checkbox"/> GALS/DAY | | <input checked="" type="checkbox"/> GALS/DAY |
| 32. PRESSURE EQUALIZERS USED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | 33. PERMANENT SUBMERGED LOADING PIPE USED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | | |
| 34. VAPOR LOSS CONTROL DEVICE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | IF VAPOR LOSS CONTROL DEVICE IS USED, COMPLETE "DATA & INFORMATION -- AIR POLLUTION CONTROL EQUIPMENT," (FORM APC-260), AS PART OF THIS APPLICATION. | | |

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STATE OF ILLINOIS
 ENVIRONMENTAL PROTECTION AGENCY
 DIVISION OF AIR POLLUTION CONTROL
 2200 CHURCHILL ROAD
 SPRINGFIELD, ILLINOIS 62706

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| PROCESS EMISSION SOURCE ADDENDUM TANK | FOR AGENCY USE ONLY |
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| 1. NAME OF OWNER: Asphalt Materials, Inc. | 2. NAME OF CORPORATE DIVISION OR PLANT (IF DIFFERENT FROM OWNER): Emulsicoat |
| 3. STREET ADDRESS OF EMISSION SOURCE: 705 East University Ave. | 4. CITY OF EMISSION SOURCE: Urbana |

| TANK INFORMATION | | | |
|---|----------------------------------|--|--|
| 5. NAME OF TANK MANUFACTURER: Clark County Metal Co. | | 6. DESIGNATION OF TANK: Tank # 201 | |
| 7. SERIAL NUMBER: none | | 8. CAPACITY: 30,000 gallons | |
| 9. TANK USE: Storage of Slow-cure Cutback Asphalt | | 10. NUMBER OF SAME CAPACITY TANKS STORING SAME MATERIAL: 5 | |
| 11. TANK SHAPE: <input type="checkbox"/> HORIZONTAL <input checked="" type="checkbox"/> CYLINDRICAL <input type="checkbox"/> SPHERICAL <input type="checkbox"/> OTHER(SPECIFY) _____ | | | |
| 12. TANK DIAMETER: 12 FT | 13. TANK HEIGHT: 35 FT | 14. TANK LENGTH: N/A FT | |
| 15. STATUS: <input checked="" type="checkbox"/> EXISTING <input type="checkbox"/> ALTERATION | | 16. TANK TYPE: <input type="checkbox"/> PRESSURE <input checked="" type="checkbox"/> FIXED ROOF <input type="checkbox"/> FLOATING ROOF <input type="checkbox"/> OTHER(SPECIFY) _____ | |
| 17. SEAL: N/A <input type="checkbox"/> SINGLE <input type="checkbox"/> DOUBLE <input type="checkbox"/> OTHER (SPECIFY) _____ | | 18. AVERAGE DISTANCE FROM TOP OF TANK SHELL TO LIQUID: 5 FT. | |
| 19. SHELL TYPE: <input type="checkbox"/> RIVETED <input checked="" type="checkbox"/> WELDED <input type="checkbox"/> OTHER(SPECIFY) _____ | | 20. PAINT COLOR: Aluminum | |

| VENT VALVE DATA | | | | |
|-----------------|-----------------|------------------|---|--|
| TYPE OF VENT | NUMBER OF VENTS | PRESSURE SETTING | DISCHARGE VENTED TO (ATMOSPHERE, FLARE, ETC.) | |
| 21. COMBINATION | a. | b. PSIG | c. | |
| 22. PRESSURE | a. | b. PSIG | c. | |
| 23. VACUUM | a. | b. PSIG | c. | |
| 24. OPEN | a. 1 | b. N/A PSIG | c. Atmosphere | |

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|--|---|--|---------|
| MATERIAL TO BE STORED | | | 100° F. |
| 25. MATERIAL: Slow-cure Cutback Asphalt Emulsions | 26. DENSITY: 63.3 LB/FT ³ | 27. VAPOR PRESSURE AT 2.5 X 10 ⁻³ PSIA | |

| | | | |
|---|--|--|---|
| STORAGE CONDITIONS | | | |
| 28. STORAGE TEMPERATURE: MINIMUM 200 °F MAXIMUM 300 °F | 29. TANK TURN OVER PER YEAR: 660,000 | <input type="checkbox"/> BBLS/ GALS/ Y I <input checked="" type="checkbox"/> | |
| 30. MAXIMUM FILLING RATE: 10,000 | <input type="checkbox"/> BBLS/DAY <input checked="" type="checkbox"/> GALS/DAY | 31. AVERAGE THROUGHPUT: 2,400 | <input type="checkbox"/> BBLS/DAY <input checked="" type="checkbox"/> GALS/DAY |
| 32. PRESSURE EQUALIZERS USED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | 33. PERMANENT SUBMERGED LOADING PIPE USED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | | |
| 34. VAPOR LOSS CONTROL DEVICE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | IF VAPOR LOSS CONTROL DEVICE IS USED, COMPLETE "DATA & INFORMATION -- AFR POLLUTION CONTROL EQUIPMENT," (FORM APC-260), AS PART OF THIS APPLICATION. | | |

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STATE OF ILLINOIS
 ENVIRONMENTAL PROTECTION AGENCY
 DIVISION OF AIR POLLUTION CONTROL
 2200 CHURCHILL ROAD
 SPRINGFIELD, ILLINOIS 62706

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| PROCESS EMISSION SOURCE ADDENDUM TANK | FOR AGENCY USE ONLY |
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| 1. NAME OF OWNER: Asphalt Materials, Inc. | 2. NAME OF CORPORATE DIVISION OR PLANT (IF DIFFERENT FROM OWNER): Emulsicoat |
| 3. STREET ADDRESS OF EMISSION SOURCE: 705 East University Ave. | 4. CITY OF EMISSION SOURCE: Urbana |

| TANK INFORMATION | | | |
|---|----------------------------------|--|--|
| 5. NAME OF TANK MANUFACTURER: Clark County Metal Co. | | 6. DESIGNATION OF TANK: Tank # 202 | |
| 7. SERIAL NUMBER: none | | 8. CAPACITY: 30,000 gallons | |
| 9. TANK USE: Storage of Slow-cure Cutback Asphalt | | 10. NUMBER OF SAME CAPACITY TANKS STORING SAME MATERIAL: 5 | |
| 11. TANK SHAPE: <input type="checkbox"/> HORIZONTAL <input checked="" type="checkbox"/> CYLINDRICAL <input type="checkbox"/> SPHERICAL <input type="checkbox"/> OTHER(SPECIFY) _____ | | | |
| 12. TANK DIAMETER: 12 FT | 13. TANK HEIGHT: 35 FT | 14. TANK LENGTH: N/A FT | |
| 15. STATUS: <input checked="" type="checkbox"/> EXISTING <input type="checkbox"/> ALTERATION | | 16. TANK TYPE: <input type="checkbox"/> PRESSURE <input checked="" type="checkbox"/> FIXED ROOF <input type="checkbox"/> FLOATING ROOF <input type="checkbox"/> OTHER(SPECIFY) _____ | |
| 17. SEAL: N/A <input type="checkbox"/> SINGLE <input type="checkbox"/> DOUBLE <input type="checkbox"/> OTHER (SPECIFY) _____ | | 18. AVERAGE DISTANCE FROM TOP OF TANK SHELL TO LIQUID: 5 FT. | |
| 19. SHELL TYPE: <input type="checkbox"/> RIVETED <input checked="" type="checkbox"/> WELDED <input type="checkbox"/> OTHER(SPECIFY) _____ | | 20. PAINT COLOR: Aluminum | |

| VENT VALVE DATA | | | |
|-----------------|-----------------|------------------|---|
| TYPE OF VENT | NUMBER OF VENTS | PRESSURE SETTING | DISCHARGE VENTED TO (ATMOSPHERE, FLARE, ETC.) |
| 21. COMBINATION | a. | b. PSIG | c. |
| 22. PRESSURE | a. | b. PSIG | c. |
| 23. VACUUM | a. | b. PSIG | c. |
| 24. OPEN | a. 1 | b. N/A PSIG | c. Atmosphere |

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| MATERIAL TO BE STORED | | 100°F. |
| 25. MATERIAL: Slow-cure Cutback Asphalt Emulsions | 26. DENSITY: 63.3 LB/FT ³ | 27. VAPOR PRESSURE AT 2.5 X 10 ⁻³ PSIA |

| | | | |
|---|--|--|---|
| STORAGE CONDITIONS | | | |
| 28. STORAGE TEMPERATURE: MINIMUM 200 °F MAXIMUM 300 °F | 29. TANK TURN OVER PER YEAR: 660,000 | <input type="checkbox"/> BBLS/ <input checked="" type="checkbox"/> GALS/ yr | |
| 30. MAXIMUM FILLING RATE: 10,000 | <input type="checkbox"/> BBLS/DAY <input checked="" type="checkbox"/> GALS/DAY | 31. AVERAGE THROUGHPUT: 2,400 | <input type="checkbox"/> BBLS/DAY <input checked="" type="checkbox"/> GALS/DAY |
| 32. PRESSURE EQUALIZERS USED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | 33. PERMANENT SUBMERGED LOADING PIPE USED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | | |
| 34. VAPOR LOSS CONTROL DEVICE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | IF VAPOR LOSS CONTROL DEVICE IS USED, COMPLETE "DATA & INFORMATION -- AIR POLLUTION CONTROL EQUIPMENT," (FORM APC-260), AS PART OF THIS APPLICATION. | | |

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STATE OF ILLINOIS
 ENVIRONMENTAL PROTECTION AGENCY
 DIVISION OF AIR POLLUTION CONTROL
 2200 CHURCHILL ROAD
 SPRINGFIELD, ILLINOIS 62706

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| PROCESS EMISSION SOURCE ADDENDUM TANK | FOR AGENCY USE ONLY |
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|---|---|
| 1. NAME OF OWNER: Asphalt Materials, Inc. | 2. NAME OF CORPORATE DIVISION OR PLANT (IF DIFFERENT FROM OWNER): Emulsicoat |
| 3. STREET ADDRESS OF EMISSION SOURCE: 705 East University Ave. | 4. CITY OF EMISSION SOURCE: Urbana |

| TANK INFORMATION | | | |
|--|---|---|--|
| 5. NAME OF TANK MANUFACTURER: Clark County Metal Co. | 6. DESIGNATION OF TANK: Tank # 203 | | |
| 7. SERIAL NUMBER: none | 8. CAPACITY: 30,000 gallons | | |
| 9. TANK USE: Storage of Slow-cure Cutback Asphalt | 10. NUMBER OF SAME CAPACITY TANKS STORING SAME MATERIAL: 5 | | |
| 11. TANK SHAPE: <input type="checkbox"/> HORIZONTAL <input checked="" type="checkbox"/> CYLINDRICAL <input type="checkbox"/> SPHERICAL <input type="checkbox"/> OTHER(SPECIFY) _____ | | | |
| 12. TANK DIAMETER: 12 FT | 13. TANK HEIGHT: 35 FT | 14. TANK LENGTH: N/A FT | |
| 15. STATUS: <input checked="" type="checkbox"/> EXISTING <input type="checkbox"/> ALTERATION | | 16. TANK TYPE: <input checked="" type="checkbox"/> FIXED ROOF <input type="checkbox"/> FLOATING ROOF <input type="checkbox"/> PRESSURE <input type="checkbox"/> OTHER(SPECIFY) _____ | |
| 17. SEAL: N/A <input type="checkbox"/> SINGLE <input type="checkbox"/> DOUBLE <input type="checkbox"/> OTHER (SPECIFY) _____ | | 18. AVERAGE DISTANCE FROM TOP OF TANK SHELL TO LIQUID: 5 FT. | |
| 19. SHELL TYPE: <input type="checkbox"/> RIVETED <input checked="" type="checkbox"/> WELDED <input type="checkbox"/> OTHER(SPECIFY) _____ | | 20. PAINT COLOR: Aluminum | |

| VENT VALVE DATA | | | | |
|-----------------|-----------------|------------------|---|--|
| TYPE OF VENT | NUMBER OF VENTS | PRESSURE SETTING | DISCHARGE VENTED TO (ATMOSPHERE, FLARE, ETC.) | |
| 21. COMBINATION | a. | b. PSIG | c. | |
| 22. PRESSURE | a. | b. PSIG | c. | |
| 23. VACUUM | a. | b. PSIG | c. | |
| 24. OPEN | a. 1 | b. N/A PSIG | c. Atmosphere | |

[Redacted]

| | | |
|--|--------------------------------------|--|
| MATERIAL TO BE STORED | | 100°F. |
| 25. MATERIAL: Slow-cure Cutback Asphalt Emulsions | 26. DENSITY: 63.3 LB/FT ³ | 27. VAPOR PRESSURE AT 2.5 X 10 ⁻³ PSTA |

| STORAGE CONDITIONS | | | |
|---|---|--|---|
| 28. STORAGE TEMPERATURE: MINIMUM 200 °F | MAXIMUM 300 °F | 29. TANK TURN OVER PER YEAR: 660,000 | <input type="checkbox"/> BBLS/ <input checked="" type="checkbox"/> GALS/ YR |
| 30. MAXIMUM FILLING RATE: 10,000 | <input type="checkbox"/> BBLS/DAY <input checked="" type="checkbox"/> GALS/DAY | 31. AVERAGE THROUGHPUT: 2,400 | <input type="checkbox"/> BBLS/DAY <input checked="" type="checkbox"/> GALS/DAY |
| 32. PRESSURE EQUALIZERS USED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | | 33. PERMANENT SUBMERGED LOADING PIPE USED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | |
| 34. VAPOR LOSS CONTROL DEVICE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | | IF VAPOR LOSS CONTROL DEVICE IS USED, COMPLETE "DATA & INFORMATION -- AIR POLLUTION CONTROL EQUIPMENT," (FORM APC-260), AS PART OF THIS APPLICATION. | |

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STATE OF ILLINOIS
 ENVIRONMENTAL PROTECTION AGENCY
 DIVISION OF AIR POLLUTION CONTROL
 2200 CHURCHILL ROAD
 SPRINGFIELD, ILLINOIS 62706

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|----------------------------------|---------------------|
| PROCESS EMISSION SOURCE ADDENDUM | FOR AGENCY USE ONLY |
| TANK | |

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|---|---|
| 1. NAME OF OWNER: Asphalt Materials, Inc. | 2. NAME OF CORPORATE DIVISION OR PLANT (IF DIFFERENT FROM OWNER): Emulsicoat |
| 3. STREET ADDRESS OF EMISSION SOURCE: 705 East University Ave. | 4. CITY OF EMISSION SOURCE: Urbana |

| TANK INFORMATION | | | |
|---|---|--|--|
| 5. NAME OF TANK MANUFACTURER: Clark County Metal Co. | 6. DESIGNATION OF TANK: Tank # 204 | | |
| 7. SERIAL NUMBER: none | 8. CAPACITY: 30,000 gallons | | |
| 9. TANK USE: Storage of Slow-cure Cutback Asphalt | 10. NUMBER OF SAME CAPACITY TANKS STORING SAME MATERIAL: 5 | | |
| 11. TANK SHAPE: <input type="checkbox"/> HORIZONTAL <input checked="" type="checkbox"/> CYLINDRICAL <input type="checkbox"/> SPHERICAL <input type="checkbox"/> OTHER(SPECIFY) _____ | | | |
| 12. TANK DIAMETER: 12 FT | 13. TANK HEIGHT: 35 FT | 14. TANK LENGTH: N/A FT | |
| 15. STATUS: <input checked="" type="checkbox"/> EXISTING <input type="checkbox"/> ALTERATION | | 16. TANK TYPE: <input type="checkbox"/> PRESSURE <input checked="" type="checkbox"/> FIXED ROOF <input type="checkbox"/> FLOATING ROOF <input type="checkbox"/> OTHER(SPECIFY) _____ | |
| 17. SEAL: N/A <input type="checkbox"/> SINGLE <input type="checkbox"/> DOUBLE <input type="checkbox"/> OTHER (SPECIFY) _____ | | 18. AVERAGE DISTANCE FROM TOP OF TANK SHELL TO LIQUID: 5 FT. | |
| 19. SHELL TYPE: <input type="checkbox"/> RIVETED <input checked="" type="checkbox"/> WELDED <input type="checkbox"/> OTHER(SPECIFY) _____ | | 20. PAINT COLOR: Aluminum | |

| VENT VALVE DATA | | | |
|-----------------|-----------------|------------------|---|
| TYPE OF VENT | NUMBER OF VENTS | PRESSURE SETTING | DISCHARGE VENTED TO (ATMOSPHERE, FLARE, ETC.) |
| 21. COMBINATION | a. | b. PSIG | c. |
| 22. PRESSURE | a. | b. PSIG | c. |
| 23. VACUUM | a. | b. PSIG | c. |
| 24. OPEN | a. 1 | b. N/A PSIG | c. Atmosphere |

[Redacted]

| | | |
|--|--------------------------------------|---|
| MATERIAL TO BE STORED | | 100°F. |
| 25. MATERIAL: Slow-cure Cutback Asphalt Emulsions | 26. DENSITY: 63.3 LB/FT ³ | 27. VAPOR PRESSURE AT 100°F: 2.5 X 10 ⁻³ PSIA |

| | | | |
|---|--|--------------------------------------|---|
| STORAGE CONDITIONS | | | |
| 28. STORAGE TEMPERATURE: MINIMUM 200 °F | MAXIMUM 300 °F | 29. TANK TURN OVER PER YEAR: 660,000 | <input type="checkbox"/> BBLS/ <input checked="" type="checkbox"/> GALS/ YR |
| 30. MAXIMUM FILLING RATE: 10,000 | <input type="checkbox"/> BBLS/DAY <input checked="" type="checkbox"/> GALS/DAY | 31. AVERAGE THROUGHPUT: 2,400 | <input type="checkbox"/> BBLS/DAY <input checked="" type="checkbox"/> GALS/DAY |
| 32. PRESSURE EQUALIZERS USED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | 33. PERMANENT SUBMERGED LOADING PIPE USED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | | |
| 34. VAPOR LOSS CONTROL DEVICE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | IF VAPOR LOSS CONTROL DEVICE IS USED, COMPLETE "DATA & INFORMATION -- AIR POLLUTION CONTROL EQUIPMENT," (FORM APC-260), AS PART OF THIS APPLICATION. | | |

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STATE OF ILLINOIS
 ENVIRONMENTAL PROTECTION AGENCY
 DIVISION OF AIR POLLUTION CONTROL
 2200 CHURCHILL ROAD
 SPRINGFIELD, ILLINOIS 62706

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| PROCESS EMISSION SOURCE ADDENDUM TANK | FOR AGENCY USE ONLY |
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|---|---|
| 1. NAME OF OWNER: Asphalt Materials, Inc. | 2. NAME OF CORPORATE DIVISION OR PLANT (IF DIFFERENT FROM OWNER): Emulsicoat |
| 3. STREET ADDRESS OF EMISSION SOURCE: 705 East University Ave. | 4. CITY OF EMISSION SOURCE: Urbana |

| TANK INFORMATION | | | |
|--|---|---|--|
| 5. NAME OF TANK MANUFACTURER: Clark County Metal Co. | 6. DESIGNATION OF TANK: Tank # 205 | | |
| 7. SERIAL NUMBER: none | 8. CAPACITY: 30,000 gallons | | |
| 9. TANK USE: Storage of Slow-cure Cutback Asphalt | 10. NUMBER OF SAME CAPACITY TANKS STORING SAME MATERIAL: 5 | | |
| 11. TANK SHAPE: <input type="checkbox"/> HORIZONTAL <input checked="" type="checkbox"/> CYLINDRICAL <input type="checkbox"/> SPHERICAL <input type="checkbox"/> OTHER(SPECIFY) _____ | | | |
| 12. TANK DIAMETER: 12 FT | 13. TANK HEIGHT: 35 FT | 14. TANK LENGTH: N/A FT | |
| 15. STATUS: <input checked="" type="checkbox"/> EXISTING <input type="checkbox"/> ALTERATION | | 16. TANK TYPE: <input checked="" type="checkbox"/> FIXED ROOF <input type="checkbox"/> FLOATING ROOF <input type="checkbox"/> PRESSURE <input type="checkbox"/> OTHER(SPECIFY) _____ | |
| 17. SEAL: N/A <input type="checkbox"/> SINGLE <input type="checkbox"/> DOUBLE <input type="checkbox"/> OTHER (SPECIFY) _____ | | 18. AVERAGE DISTANCE FROM TOP OF TANK SHELL TO LIQUID: 5 FT. | |
| 19. SHELL TYPE: <input type="checkbox"/> RIVETED <input checked="" type="checkbox"/> WELDED <input type="checkbox"/> OTHER(SPECIFY) _____ | | 20. PAINT COLOR: Aluminum | |

| VENT VALVE DATA | | | | |
|-----------------|-----------------|------------------|---|--|
| TYPE OF VENT | NUMBER OF VENTS | PRESSURE SETTING | DISCHARGE VENTED TO (ATMOSPHERE, FLARE, ETC.) | |
| 21. COMBINATION | a. | b. PSIG | c. | |
| 22. PRESSURE | a. | b. PSIG | c. | |
| 23. VACUUM | a. | b. PSIG | c. | |
| 24. OPEN | a. 1 | b. N/A PSIG | c. Atmosphere | |

[Redacted]

| | | | |
|--|--------------------------------------|--|--------|
| MATERIAL TO BE STORED | | | 100°F. |
| 25. MATERIAL: Slow-cure Cutback Asphalt Emulsions | 26. DENSITY: 63.3 LB/FT ³ | 27. VAPOR PRESSURE AT 100°F. 2.5 X 10 ⁻³ PSIA | |

| STORAGE CONDITIONS | | | |
|--|---|---|---|
| 28. STORAGE TEMPERATURE: MINIMUM 200 °F | MAXIMUM 300 °F | 29. TANK TURN OVER PER YEAR: 660,000 | <input type="checkbox"/> BBLs/ <input checked="" type="checkbox"/> GALS/ YR |
| 30. MAXIMUM FILLING RATE: 10,000 | <input type="checkbox"/> BBLs/DAY <input checked="" type="checkbox"/> GALS/DAY | 31. AVERAGE THROUGHPUT: 2,400 | <input type="checkbox"/> BBLs/DAY <input checked="" type="checkbox"/> GALS/DAY |
| 32. PRESSURE EQUALIZERS USED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | | 33. PERMANENT SUBMERGED LOADING PIPE USED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | |
| 34. VAPOR LOSS CONTROL DEVICE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | | | |
| IF VAPOR LOSS CONTROL DEVICE IS USED, COMPLETE "DATA & INFORMATION -- AIR POLLUTION CONTROL EQUIPMENT," (FORM APC-260), AS PART OF THIS APPLICATION. | | | |

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STATE OF ILLINOIS
 ENVIRONMENTAL PROTECTION AGENCY
 DIVISION OF AIR POLLUTION CONTROL
 2200 CHURCHILL ROAD
 SPRINGFIELD, ILLINOIS 62706

| | |
|--|---------------------|
| PROCESS EMISSION SOURCE ADDENDUM TANK | FOR AGENCY USE ONLY |
|--|---------------------|

| | |
|---|---|
| 1. NAME OF OWNER: Asphalt Materials, Inc. | 2. NAME OF CORPORATE DIVISION OR PLANT (IF DIFFERENT FROM OWNER): Emulsicoat |
| 3. STREET ADDRESS OF EMISSION SOURCE: 705 East University Ave. | 4. CITY OF EMISSION SOURCE: Urbana |

| TANK INFORMATION | | | |
|--|--|---|--|
| 5. NAME OF TANK MANUFACTURER: Clark County Metal Co. | 6. DESIGNATION OF TANK: Tank # 301 | | |
| 7. SERIAL NUMBER: none | 8. CAPACITY: 17,049 gallons | | |
| 9. TANK USE: Storage of Tall Oil | 10. NUMBER OF SAME CAPACITY TANKS STORING SAME MATERIAL: 1 | | |
| 11. TANK SHAPE: <input type="checkbox"/> HORIZONTAL <input checked="" type="checkbox"/> CYLINDRICAL <input type="checkbox"/> SPHERICAL <input type="checkbox"/> OTHER(SPECIFY) _____ | | | |
| 12. TANK DIAMETER: 11 FT | 13. TANK HEIGHT: 24 FT | 14. TANK LENGTH: N/A FT | |
| 15. STATUS: <input checked="" type="checkbox"/> EXISTING <input type="checkbox"/> ALTERATION | | 16. TANK TYPE: <input checked="" type="checkbox"/> FIXED ROOF <input type="checkbox"/> FLOATING ROOF <input type="checkbox"/> PRESSURE <input type="checkbox"/> OTHER(SPECIFY) _____ | |
| 17. SEAL: N/A <input type="checkbox"/> SINGLE <input type="checkbox"/> DOUBLE <input type="checkbox"/> OTHER (SPECIFY) _____ | | 18. AVERAGE DISTANCE FROM TOP OF TANK SHELL TO LIQUID: 5 FT. | |
| 19. SHELL TYPE: <input type="checkbox"/> RIVETED <input checked="" type="checkbox"/> WELDED <input type="checkbox"/> OTHER(SPECIFY) _____ | | 20. PAINT COLOR: Aluminum | |

| VENT VALVE DATA | | | |
|-----------------|-----------------|------------------|---|
| TYPE OF VENT | NUMBER OF VENTS | PRESSURE SETTING | DISCHARGE VENTED TO (ATMOSPHERE, FLARE, ETC.) |
| 21. COMBINATION | a. | b. PSIG | c. |
| 22. PRESSURE | a. | b. PSIG | c. |
| 23. VACUUM | a. | b. PSIG | c. |
| 24. OPEN | a. 1 | b. N/A PSIG | c. Atmosphere |

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|------------------------|--------------------------------------|--|
| MATERIAL TO BE STORED | | 100°F |
| 25. MATERIAL: Tall Oil | 26. DENSITY: 61.1 LB/FT ³ | 27. VAPOR PRESSURE AT 1.92 X 10 ⁻⁶ PSIA |

| | | | |
|---|--|----------------------------------|--|
| STORAGE CONDITIONS | | | |
| 28. STORAGE TEMPERATURE: MINIMUM <u>ambient</u> °F MAXIMUM <u>160</u> °F | 29. TANK TURN OVER PER YEAR: 34,000 | <input type="checkbox"/> BBLs/yr | <input checked="" type="checkbox"/> GALS/yr |
| 30. MAXIMUM FILLING RATE: 10,000 | <input type="checkbox"/> BBLs/DAY | 31. AVERAGE THROUGHPUT: 125 | <input type="checkbox"/> BBLs/DAY |
| | <input checked="" type="checkbox"/> GALS/DAY | | <input checked="" type="checkbox"/> GALS/DAY |
| 32. PRESSURE EQUALIZERS USED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | 33. PERMANENT SUBMERGED LOADING PIPE USED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | | |
| 34. VAPOR LOSS CONTROL DEVICE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | IF VAPOR LOSS CONTROL DEVICE IS USED, COMPLETE "DATA & INFORMATION -- ATR POLLUTION CONTROL EQUIPMENT," (FORM APC-260), AS PART OF THIS APPLICATION. | | |

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STATE OF ILLINOIS
 ENVIRONMENTAL PROTECTION AGENCY
 DIVISION OF AIR POLLUTION CONTROL
 2200 CHURCHILL ROAD
 SPRINGFIELD, ILLINOIS 62706

| | |
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| PROCESS EMISSION SOURCE ADDENDUM TANK | FOR AGENCY USE ONLY |
|--|---------------------|

| | |
|---|---|
| 1. NAME OF OWNER: Asphalt Materials, Inc. | 2. NAME OF CORPORATE DIVISION OR PLANT (IF DIFFERENT FROM OWNER): Emulsicoat |
| 3. STREET ADDRESS OF EMISSION SOURCE: 705 East University Ave. | 4. CITY OF EMISSION SOURCE: Urbana |

| TANK INFORMATION | | | |
|--|---|---|--|
| 5. NAME OF TANK MANUFACTURER: Clark County Metal Co. | 6. DESIGNATION OF TANK: Tank # 302 | | |
| 7. SERIAL NUMBER: none | 8. CAPACITY: 30,000 gallons | | |
| 9. TANK USE: Storage of # 6 Oil | 10. NUMBER OF SAME CAPACITY TANKS STORING SAME MATERIAL: 1 | | |
| 11. TANK SHAPE: <input type="checkbox"/> HORIZONTAL <input checked="" type="checkbox"/> CYLINDRICAL <input type="checkbox"/> SPHERICAL <input type="checkbox"/> OTHER(SPECIFY) _____ | | | |
| 12. TANK DIAMETER: 12 FT | 13. TANK HEIGHT: 35 FT | 14. TANK LENGTH: N/A FT | |
| 15. STATUS: <input checked="" type="checkbox"/> EXISTING <input type="checkbox"/> ALTERATION | | 16. TANK TYPE: <input type="checkbox"/> PRESSURE <input checked="" type="checkbox"/> FIXED ROOF <input type="checkbox"/> FLOATING ROOF <input type="checkbox"/> OTHER(SPECIFY) _____ | |
| 17. SEAL: <input type="checkbox"/> SINGLE <input type="checkbox"/> DOUBLE N/A <input type="checkbox"/> OTHER (SPECIFY) _____ | | 18. AVERAGE DISTANCE FROM TOP OF TANK SHELL TO LIQUID: 5 FT. | |
| 19. SHELL TYPE: <input type="checkbox"/> RIVETED <input checked="" type="checkbox"/> WELDED <input type="checkbox"/> OTHER(SPECIFY) _____ | | 20. PAINT COLOR: Aluminum | |

| VENT VALVE DATA | | | | |
|-----------------|-----------------|------------------|---|--|
| TYPE OF VENT | NUMBER OF VENTS | PRESSURE SETTING | DISCHARGE VENTED TO (ATMOSPHERE, FLARE, ETC.) | |
| 21. COMBINATION | a. | b. PSIG | c. | |
| 22. PRESSURE | a. | b. PSIG | c. | |
| 23. VACUUM | a. | b. PSIG | c. | |
| 24. OPEN | a. 1 | b. N/A PSIG | c. Atmosphere | |

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| MATERIAL TO BE STORED | | 100°F. |
| 25. MATERIAL: #6 Oil | 26. DENSITY: 63.3 LB/FT ³ | 27. VAPOR PRESSURE AT. 2.5 X 10 ⁻⁵ PSIA |

| | | | |
|---|--|-----------------------------|---|
| STORAGE CONDITIONS | | | |
| 28. STORAGE TEMPERATURE: MINIMUM 200 °F MAXIMUM 300 °F | 29. TANK TURN OVER PER YEAR: 180,000 | | <input type="checkbox"/> BBLS/ <input checked="" type="checkbox"/> GALS/ yr |
| 30. MAXIMUM FILLING RATE: 10,000 | <input type="checkbox"/> BBLS/DAY <input checked="" type="checkbox"/> GALS/DAY | 31. AVERAGE THROUGHPUT: 660 | <input type="checkbox"/> BBLS/DAY <input checked="" type="checkbox"/> GALS/DAY |
| 32. PRESSURE EQUALIZERS USED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | 33. PERMANENT SUBMERGED LOADING PIPE USED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | | |
| 34. VAPOR LOSS CONTROL DEVICE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | IF VAPOR LOSS CONTROL DEVICE IS USED, COMPLETE "DATA & INFORMATION -- AIR POLLUTION CONTROL EQUIPMENT," (FORM APC-260), AS PART OF THIS APPLICATION. | | |

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STATE OF ILLINOIS
 ENVIRONMENTAL PROTECTION AGENCY
 DIVISION OF AIR POLLUTION CONTROL
 2200 CHURCHILL ROAD
 SPRINGFIELD, ILLINOIS 62706

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| PROCESS EMISSION SOURCE ADDENDUM TANK | FOR AGENCY USE ONLY |
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|---|---|
| 1. NAME OF OWNER: Asphalt Materials, Inc. | 2. NAME OF CORPORATE DIVISION OR PLANT (IF DIFFERENT FROM OWNER): Emulsicoat |
| 3. STREET ADDRESS OF EMISSION SOURCE: 705 East University Ave. | 4. CITY OF EMISSION SOURCE: Urbana |

| TANK INFORMATION | | | |
|--|---|--|--|
| 5. NAME OF TANK MANUFACTURER: Clark County Metal Co. | 6. DESIGNATION OF TANK: Tank # 303 | | |
| 7. SERIAL NUMBER: none | 8. CAPACITY: 6,017 gallons | | |
| 9. TANK USE: Storage of Sodium Hydroxide | 10. NUMBER OF SAME CAPACITY TANKS STORING SAME MATERIAL: 1 | | |
| 11. TANK SHAPE: <input type="checkbox"/> HORIZONTAL <input checked="" type="checkbox"/> CYLINDRICAL <input type="checkbox"/> SPHERICAL <input type="checkbox"/> OTHER(SPECIFY) _____ | | | |
| 12. TANK DIAMETER: 8 FT | 13. TANK HEIGHT: 16 FT | 14. TANK LENGTH: N/A FT | |
| 15. STATUS: <input checked="" type="checkbox"/> EXISTING <input type="checkbox"/> ALTERATION | | 16. TANK TYPE: <input type="checkbox"/> PRESSURE <input checked="" type="checkbox"/> FIXED ROOF <input type="checkbox"/> FLOATING ROOF <input type="checkbox"/> OTHER(SPECIFY) _____ | |
| 17. SEAL: <input type="checkbox"/> SINGLE <input type="checkbox"/> DOUBLE N/A <input type="checkbox"/> OTHER (SPECIFY) _____ | | 18. AVERAGE DISTANCE FROM TOP OF TANK SHELL TO LIQUID: 5 FT. | |
| 19. SHELL TYPE: <input type="checkbox"/> RIVETED <input checked="" type="checkbox"/> WELDED <input type="checkbox"/> OTHER(SPECIFY) _____ | | 20. PAINT COLOR: Aluminum | |

| VENT VALVE DATA | | | | |
|-----------------|-----------------|------------------|---|--|
| TYPE OF VENT | NUMBER OF VENTS | PRESSURE SETTING | DISCHARGE VENTED TO (ATMOSPHERE, FLARE, ETC.) | |
| 21. COMBINATION | a. | b. PSIG | c. | |
| 22. PRESSURE | a. | b. PSIG | c. | |
| 23. VACUUM | a. | b. PSIG | c. | |
| 24. OPEN | a. 1 | b. N/A PSIG | c. Atmosphere | |

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| MATERIAL TO BE STORED | | |
|---|--------------------------------------|---------------------------------------|
| 25. MATERIAL: Sodium Hydroxide solution | 26. DENSITY: 82.7 LB/FT ³ | 27. VAPOR PRESSURE AT 70°F: .029 PSIA |

| STORAGE CONDITIONS | | | |
|---|--|----------------------------------|---|
| 28. STORAGE TEMPERATURE: MINIMUM <u>ambient</u> °F MAXIMUM <u>ambient</u> °F | 29. TANK TURN OVER PER YEAR: 4,000 | <input type="checkbox"/> BBLS/yr | <input checked="" type="checkbox"/> GALS/yr |
| 30. MAXIMUM FILLING RATE: 6,000 | <input type="checkbox"/> BBLS/DAY <input checked="" type="checkbox"/> GALS/DAY | 31. AVERAGE THROUGHPUT: 15 | <input type="checkbox"/> BBLS/DAY <input checked="" type="checkbox"/> GALS/DAY |
| 32. PRESSURE EQUALIZERS USED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | 33. PERMANENT SUBMERGED LOADING PIPE USED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | | |
| 34. VAPOR LOSS CONTROL DEVICE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | IF VAPOR LOSS CONTROL DEVICE IS USED, COMPLETE "DATA & INFORMATION -- AIR POLLUTION CONTROL EQUIPMENT," (FORM APC-260), AS PART OF THIS APPLICATION. | | |

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STATE OF ILLINOIS
 ENVIRONMENTAL PROTECTION AGENCY
 DIVISION OF AIR POLLUTION CONTROL
 2200 CHURCHILL ROAD
 SPRINGFIELD, ILLINOIS 62706

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| PROCESS EMISSION SOURCE ADDENDUM TANK | FOR AGENCY USE ONLY |
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| | |
|---|---|
| 1. NAME OF OWNER: Asphalt Materials, Inc. | 2. NAME OF CORPORATE DIVISION OR PLANT (IF DIFFERENT FROM OWNER): Emulsicoat |
| 3. STREET ADDRESS OF EMISSION SOURCE: 705 East University Ave. | 4. CITY OF EMISSION SOURCE: Urbana |

| TANK INFORMATION | | | |
|---|------------------------------|--|--|
| 5. NAME OF TANK MANUFACTURER: Clark County Metal Co. | | 6. DESIGNATION OF TANK: Tank # 304 | |
| 7. SERIAL NUMBER: none | | 8. CAPACITY: 8,702 gallons | |
| 9. TANK USE: Storage of Cationic Emulsifier | | 10. NUMBER OF SAME CAPACITY TANKS STORING SAME MATERIAL: 1 | |
| 11. TANK SHAPE: <input type="checkbox"/> HORIZONTAL <input checked="" type="checkbox"/> CYLINDRICAL <input type="checkbox"/> SPHERICAL <input type="checkbox"/> OTHER(SPECIFY) _____ | | | |
| 12. TANK DIAMETER: 11 FT | 13. TANK HEIGHT: 12.25 FT | 14. TANK LENGTH: N/A FT | |
| 15. STATUS: <input checked="" type="checkbox"/> EXISTING <input type="checkbox"/> ALTERATION | | 16. TANK TYPE: <input type="checkbox"/> PRESSURE <input checked="" type="checkbox"/> FIXED ROOF <input type="checkbox"/> FLOATING ROOF <input type="checkbox"/> OTHER(SPECIFY) _____ | |
| 17. SEAL: N/A <input type="checkbox"/> SINGLE <input type="checkbox"/> DOUBLE <input type="checkbox"/> OTHER (SPECIFY) _____ | | 18. AVERAGE DISTANCE FROM TOP OF TANK SHELL TO LIQUID: 5 FT. | |
| 19. SHELL TYPE: <input type="checkbox"/> RIVETED <input checked="" type="checkbox"/> WELDED <input type="checkbox"/> OTHER(SPECIFY) _____ | | 20. PAINT COLOR: Aluminum | |

| VENT VALVE DATA | | | | |
|-----------------|-----------------|------------------|---|--|
| TYPE OF VENT | NUMBER OF VENTS | PRESSURE SETTING | DISCHARGE VENTED TO (ATMOSPHERE, FLARE, ETC.) | |
| 21. COMBINATION | a. | b. PSIG | c. | |
| 22. PRESSURE | a. | b. PSIG | c. | |
| 23. VACUUM | a. | b. PSIG | c. | |
| 24. OPEN | a. 1 | b. N/A PSIG | c. Atmosphere | |

[Redacted]

| MATERIAL TO BE STORED | | |
|--|--|---|
| 25. MATERIAL: <p style="text-align: center; font-size: 1.2em;">Cationic Emulsifier (surfactant)</p> | 26. DENSITY: <p style="text-align: center; font-size: 1.2em;">62.4 LB/FT³</p> | 27. VAPOR PRESSURE AT 70°F: <p style="text-align: center; font-size: 1.2em;">3.6 X 10⁻⁷ PSIA</p> |

| STORAGE CONDITIONS | | | |
|---|--|--|--|
| 28. STORAGE TEMPERATURE: MINIMUM <u>ambient</u> °F MAXIMUM <u>ambient</u> °F | 29. TANK TURN OVER PER YEAR: <p style="text-align: center; font-size: 1.2em;">10,000</p> | | <input type="checkbox"/> BBLS/ <input checked="" type="checkbox"/> GALS/ yr |
| 30. MAXIMUM FILLING RATE: <p style="text-align: center; font-size: 1.2em;">8,000</p> | <input type="checkbox"/> BBLS/DAY <input checked="" type="checkbox"/> GALS/DAY | 31. AVERAGE THROUGHPUT: <p style="text-align: center; font-size: 1.2em;">40</p> <input type="checkbox"/> BBLS/DAY <input checked="" type="checkbox"/> GALS/DAY | |
| 32. PRESSURE EQUALIZERS USED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | 33. PERMANENT SUBMERGED LOADING PIPE USED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | | |
| 34. VAPOR LOSS CONTROL DEVICE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | IF VAPOR LOSS CONTROL DEVICE IS USED, COMPLETE "DATA & INFORMATION -- AIR POLLUTION CONTROL EQUIPMENT," (FORM APC-260), AS PART OF THIS APPLICATION. | | |

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STATE OF ILLINOIS
 ENVIRONMENTAL PROTECTION AGENCY
 DIVISION OF AIR POLLUTION CONTROL
 2200 CHURCHILL ROAD
 SPRINGFIELD, ILLINOIS 62706

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| PROCESS EMISSION SOURCE ADDENDUM TANK | FOR AGENCY USE ONLY |
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| | |
|---|---|
| 1. NAME OF OWNER: Asphalt Materials, Inc. | 2. NAME OF CORPORATE DIVISION OR PLANT (IF DIFFERENT FROM OWNER): Emulsicoat |
| 3. STREET ADDRESS OF EMISSION SOURCE: 705 East University Ave. | 4. CITY OF EMISSION SOURCE: Urbana |

| TANK INFORMATION | | | |
|--|---|---|--|
| 5. NAME OF TANK MANUFACTURER: Clark County Metal Co. | 6. DESIGNATION OF TANK: Tank # 305 | | |
| 7. SERIAL NUMBER: none | 8. CAPACITY: 23,688 gallons | | |
| 9. TANK USE: Storage of # 6 Oil | 10. NUMBER OF SAME CAPACITY TANKS STORING SAME MATERIAL: 1 | | |
| 11. TANK SHAPE: <input type="checkbox"/> HORIZONTAL <input checked="" type="checkbox"/> CYLINDRICAL <input type="checkbox"/> SPHERICAL <input type="checkbox"/> OTHER(SPECIFY) _____ | | | |
| 12. TANK DIAMETER: 12 FT | 13. TANK HEIGHT: 28 FT | 14. TANK LENGTH: N/A FT | |
| 15. STATUS: <input checked="" type="checkbox"/> EXISTING <input type="checkbox"/> ALTERATION | | 16. TANK TYPE: <input checked="" type="checkbox"/> FIXED ROOF <input type="checkbox"/> FLOATING ROOF <input type="checkbox"/> PRESSURE <input type="checkbox"/> OTHER(SPECIFY) _____ | |
| 17. SEAL: N/A <input type="checkbox"/> SINGLE <input type="checkbox"/> DOUBLE <input type="checkbox"/> OTHER (SPECIFY) _____ | | 18. AVERAGE DISTANCE FROM TOP OF TANK SHELL TO LIQUID: 5 FT. | |
| 19. SHELL TYPE: <input type="checkbox"/> RIVETED <input checked="" type="checkbox"/> WELDED <input type="checkbox"/> OTHER(SPECIFY) _____ | | 20. PAINT COLOR: Aluminum | |

| VENT VALVE DATA | | | |
|-----------------|-----------------|------------------|---|
| TYPE OF VENT | NUMBER OF VENTS | PRESSURE SETTING | DISCHARGE VENTED TO (ATMOSPHERE, FLARE, ETC.) |
| 21. COMBINATION | a. | b. PSIG | c. |
| 22. PRESSURE | a. | b. PSIG | c. |
| 23. VACUUM | a. | b. PSIG | c. |
| 24. OPEN | a. 1 | b. N/A PSIG | c. Atmosphere |

[Redacted]

| | | |
|-----------------------|--------------------------------------|---|
| MATERIAL TO BE STORED | | 100°F. |
| 25. MATERIAL: # 6 Oil | 26. DENSITY: 63.3 LB/FT ³ | 27. VAPOR PRESSURE AT 2.5 X 10 ⁻⁵ PSIA |

| | | | |
|---|--|--------------------------------|--|
| STORAGE CONDITIONS | | | |
| 28. STORAGE TEMPERATURE: MINIMUM 200 °F MAXIMUM 300 °F | 29. TANK TURN OVER PER YEAR: 144,000 | <input type="checkbox"/> BBLS/ | <input checked="" type="checkbox"/> GALS/yr |
| 30. MAXIMUM FILLING RATE: 10,000 | <input type="checkbox"/> BBLS/DAY | 31. AVERAGE THROUGHPUT: 530 | <input type="checkbox"/> BBLS/DAY |
| | <input checked="" type="checkbox"/> GALS/DAY | | <input checked="" type="checkbox"/> GALS/DAY |
| 32. PRESSURE EQUALIZERS USED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | 33. PERMANENT SUBMERGED LOADING PIPE USED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | | |
| 34. VAPOR LOSS CONTROL DEVICE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | IF VAPOR LOSS CONTROL DEVICE IS USED, COMPLETE "DATA & INFORMATION -- AIR POLLUTION CONTROL EQUIPMENT." (FORM APC-260), AS PART OF THIS APPLICATION. | | |

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STATE OF ILLINOIS
 ENVIRONMENTAL PROTECTION AGENCY
 DIVISION OF AIR POLLUTION CONTROL
 2200 CHURCHILL ROAD
 SPRINGFIELD, ILLINOIS 62706

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| PROCESS EMISSION SOURCE ADDENDUM TANK | FOR AGENCY USE ONLY |
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|---|---|
| 1. NAME OF OWNER: Asphalt Materials, Inc. | 2. NAME OF CORPORATE DIVISION OR PLANT (IF DIFFERENT FROM OWNER): Emulsicoat |
| 3. STREET ADDRESS OF EMISSION SOURCE: 705 East University Ave. | 4. CITY OF EMISSION SOURCE: Urbana |

| TANK INFORMATION | | | |
|--|---|---|--|
| 5. NAME OF TANK MANUFACTURER: Clark County Metal Co. | 6. DESIGNATION OF TANK: Tank # 306 | | |
| 7. SERIAL NUMBER: none | 8. CAPACITY: 30,000 gallons | | |
| 9. TANK USE: Storage of #1 Fuel Oil | 10. NUMBER OF SAME CAPACITY TANKS STORING SAME MATERIAL: 1 | | |
| 11. TANK SHAPE: <input type="checkbox"/> HORIZONTAL <input checked="" type="checkbox"/> CYLINDRICAL <input type="checkbox"/> SPHERICAL <input type="checkbox"/> OTHER(SPECIFY) _____ | | | |
| 12. TANK DIAMETER: 12 FT | 13. TANK HEIGHT: 35 FT | 14. TANK LENGTH: N/A FT | |
| 15. STATUS: <input checked="" type="checkbox"/> EXISTING <input type="checkbox"/> ALTERATION | | 16. TANK TYPE: <input checked="" type="checkbox"/> FIXED ROOF <input type="checkbox"/> FLOATING ROOF <input type="checkbox"/> PRESSURE <input type="checkbox"/> OTHER(SPECIFY) _____ | |
| 17. SEAL: N/A <input type="checkbox"/> SINGLE <input type="checkbox"/> DOUBLE <input type="checkbox"/> OTHER (SPECIFY) _____ | | 18. AVERAGE DISTANCE FROM TOP OF TANK SHELL TO LIQUID: 5 FT. | |
| 19. SHELL TYPE: <input type="checkbox"/> RIVETED <input checked="" type="checkbox"/> WELDED <input type="checkbox"/> OTHER(SPECIFY) _____ | | 20. PAINT COLOR: Aluminum | |

| VENT VALVE DATA | | | |
|-----------------|-----------------|------------------|---|
| TYPE OF VENT | NUMBER OF VENTS | PRESSURE SETTING | DISCHARGE VENTED TO (ATMOSPHERE, FLARE, ETC.) |
| 21. COMBINATION | a. | b. PSIG | c. |
| 22. PRESSURE | a. | b. PSIG | c. |
| 23. VACUUM | a. | b. PSIG | c. |
| 24. OPEN | a. 1 | b. N/A PSIG | c. Atmosphere |

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MATERIAL TO BE STORED

| | | |
|--------------------------------------|--------------------------------------|--------------------------------------|
| 25. MATERIAL: #1 Fuel Oil (Kerosene) | 26. DENSITY: 52.2 LB/FT ³ | 27. VAPOR PRESSURE AT 70°F: .02 PSIA |
|--------------------------------------|--------------------------------------|--------------------------------------|

STORAGE CONDITIONS

| | |
|--|--|
| 28. STORAGE TEMPERATURE: MINIMUM <u>ambient</u> °F MAXIMUM <u>ambient</u> °F | 29. TANK TURN OVER PER YEAR: 450,000 <input type="checkbox"/> BBLS/yr <input checked="" type="checkbox"/> GALS/yr |
| 30. MAXIMUM FILLING RATE: 10,000 <input type="checkbox"/> BBLS/DAY <input checked="" type="checkbox"/> GALS/DAY | 31. AVERAGE THROUGHPUT: 1,640 <input type="checkbox"/> BBLS/DAY <input checked="" type="checkbox"/> GALS/DAY |
| 32. PRESSURE EQUALIZERS USED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | 33. PERMANENT SUBMERGED LOADING PIPE USED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO |
| 34. VAPOR LOSS CONTROL DEVICE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | IF VAPOR LOSS CONTROL DEVICE IS USED, COMPLETE "DATA & INFORMATION -- AIR POLLUTION CONTROL EQUIPMENT," (FORM APC-260), AS PART OF THIS APPLICATION. |

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STATE OF ILLINOIS
 ENVIRONMENTAL PROTECTION AGENCY
 DIVISION OF AIR POLLUTION CONTROL
 2200 CHURCHILL ROAD
 SPRINGFIELD, ILLINOIS 62706

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|--|---------------------|
| PROCESS EMISSION SOURCE ADDENDUM TANK | FOR AGENCY USE ONLY |
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| | |
|---|---|
| 1. NAME OF OWNER: Asphalt Materials, Inc. | 2. NAME OF CORPORATE DIVISION OR PLANT (IF DIFFERENT FROM OWNER): Emulsicoat |
| 3. STREET ADDRESS OF EMISSION SOURCE: 705 East University Ave. | 4. CITY OF EMISSION SOURCE: Urbana |

| TANK INFORMATION | | | |
|---|---|--|--|
| 5. NAME OF TANK MANUFACTURER: Corrosion Products | 6. DESIGNATION OF TANK: Tank # 401 | | |
| 7. SERIAL NUMBER: none | 8. CAPACITY: 4,400 gallons | | |
| 9. TANK USE: Storage of Hydrochloric Acid | 10. NUMBER OF SAME CAPACITY TANKS STORING SAME MATERIAL: 1 | | |
| 11. TANK SHAPE: <input type="checkbox"/> HORIZONTAL <input checked="" type="checkbox"/> CYLINDRICAL <input type="checkbox"/> SPHERICAL <input type="checkbox"/> OTHER(SPECIFY) _____ | | | |
| 12. TANK DIAMETER: 8 FT | 13. TANK HEIGHT: 14 FT | 14. TANK LENGTH: N/A FT | |
| 15. STATUS: <input checked="" type="checkbox"/> EXISTING <input type="checkbox"/> ALTERATION | | 16. TANK TYPE: <input type="checkbox"/> PRESSURE <input checked="" type="checkbox"/> FIXED ROOF <input type="checkbox"/> FLOATING ROOF <input type="checkbox"/> OTHER(SPECIFY) _____ | |
| 17. SEAL: N/A <input type="checkbox"/> SINGLE <input type="checkbox"/> DOUBLE <input type="checkbox"/> OTHER (SPECIFY) _____ | | 18. AVERAGE DISTANCE FROM TOP OF TANK SHELL TO LIQUID: 5 FT. | |
| 19. SHELL TYPE: <input type="checkbox"/> RIVETED <input checked="" type="checkbox"/> WELDED <input type="checkbox"/> OTHER(SPECIFY) _____ | | 20. PAINT COLOR: Aluminum | |

| VENT VALVE DATA | | | |
|-----------------|-----------------|------------------|---|
| TYPE OF VENT | NUMBER OF VENTS | PRESSURE SETTING | DISCHARGE VENTED TO (ATMOSPHERE, FLARE, ETC.) |
| 21. COMBINATION | a. 1 | b. .5 PSIG | c. atmosphere |
| 22. PRESSURE | a. | b. PSIG | c. |
| 23. VACUUM | a. | b. PSIG | c. |
| 24. OPEN | a. | b. PSIG | c. |

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| MATERIAL TO BE STORED | | |
|--|---|--|
| 25. MATERIAL: <u>Hydrochloric Acid</u> | 26. DENSITY: <u>91.8</u> LB/FT ³ | 27. VAPOR PRESSURE AT 70°F: <u>.031</u> PSIA |

| STORAGE CONDITIONS | |
|--|--|
| 28. STORAGE TEMPERATURE: MINIMUM <u>ambient</u> °F MAXIMUM <u>ambient</u> °F | 29. TANK TURN OVER PER YEAR: <u>5,000</u> <input type="checkbox"/> BBLs/yr <input checked="" type="checkbox"/> GALS/DAY |
| 30. MAXIMUM FILLING RATE: <u>4400</u> <input type="checkbox"/> BBLs/DAY <input checked="" type="checkbox"/> GALS/DAY | 31. AVERAGE THROUGHPUT: <u>20</u> <input type="checkbox"/> BBLs/DAY <input checked="" type="checkbox"/> GALS/DAY |
| 32. PRESSURE EQUALIZERS USED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | 33. PERMANENT SUBMERGED LOADING PIPE USED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO |
| 34. VAPOR LOSS CONTROL DEVICE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | |
| IF VAPOR LOSS CONTROL DEVICE IS USED, COMPLETE "DATA & INFORMATION -- AIR POLLUTION CONTROL EQUIPMENT," (FORM APC-260), AS PART OF THIS APPLICATION. | |

This Agency is authorized to require this information under Illinois Revised Statutes, 1979, Chapter 111 1/2, Section 1039. Disclosure of this information is required under that Section. Failure to do so may prevent this form from being processed and could result in your application being denied. This form has been approved by the Forms Management Center.



STATE OF ILLINOIS
 ENVIRONMENTAL PROTECTION AGENCY
 DIVISION OF AIR POLLUTION CONTROL
 2200 CHURCHILL ROAD
 SPRINGFIELD, ILLINOIS 62706

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| PROCESS EMISSION SOURCE ADDENDUM TANK | FOR AGENCY USE ONLY |
|--|---------------------|

| | |
|---|---|
| 1. NAME OF OWNER: Asphalt Materials, Inc. | 2. NAME OF CORPORATE DIVISION OR PLANT (IF DIFFERENT FROM OWNER): Emulsicoat |
| 3. STREET ADDRESS OF EMISSION SOURCE: 705 East University Ave. | 4. CITY OF EMISSION SOURCE: Urbana |

| TANK INFORMATION | | | |
|---|---------------------------|--|--|
| 5. NAME OF TANK MANUFACTURER: Graver Tank & Mfg. Co. | | 6. DESIGNATION OF TANK: Tank # 901 | |
| 7. SERIAL NUMBER: 80187 | | 8. CAPACITY: 424,320 gal. | |
| 9. TANK USE: Storage of Asphalt Cement | | 10. NUMBER OF SAME CAPACITY TANKS STORING SAME MATERIAL: 1 | |
| 11. TANK SHAPE: <input type="checkbox"/> HORIZONTAL <input checked="" type="checkbox"/> CYLINDRICAL <input type="checkbox"/> SPHERICAL <input type="checkbox"/> OTHER(SPECIFY) _____ | | | |
| 12. TANK DIAMETER: 42.5 FT | 13. TANK HEIGHT: 40 FT | 14. TANK LENGTH: N/A FT | |
| 15. STATUS: <input checked="" type="checkbox"/> EXISTING <input type="checkbox"/> ALTERATION | | 16. TANK TYPE: <input type="checkbox"/> PRESSURE <input checked="" type="checkbox"/> FIXED ROOF <input type="checkbox"/> FLOATING ROOF <input type="checkbox"/> OTHER(SPECIFY) _____ | |
| 17. SEAL: N/A <input type="checkbox"/> SINGLE <input type="checkbox"/> DOUBLE <input type="checkbox"/> OTHER (SPECIFY) _____ | | 18. AVERAGE DISTANCE FROM TOP OF TANK SHELL TO LIQUID: 5 FT. | |
| 19. SHELL TYPE: <input type="checkbox"/> RIVETED <input checked="" type="checkbox"/> WELDED <input type="checkbox"/> OTHER(SPECIFY) _____ | | 20. PAINT COLOR: Aluminum | |

| VENT VALVE DATA | | | | |
|-----------------|-----------------|------------------|---|--|
| TYPE OF VENT | NUMBER OF VENTS | PRESSURE SETTING | DISCHARGE VENTED TO (ATMOSPHERE, FLARE, ETC.) | |
| 21. COMBINATION | a. | b. PSIG | c. | |
| 22. PRESSURE | a. | b. PSIG | c. | |
| 23. VACUUM | a. | b. PSIG | c. | |
| 24. OPEN | a. 1 | b. N/A PSIG | c. Atmosphere | |

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|------------------------------|--------------------------------------|---|
| MATERIAL TO BE STORED | | 300°F |
| 25. MATERIAL: Asphalt Cement | 26. DENSITY: 63.3 LB/FT ³ | 27. VAPOR PRESSURE AT 1.9 X 10 ⁻⁹ PSIA |

| | | | |
|---|--|---|---|
| STORAGE CONDITIONS | | | |
| 28. STORAGE TEMPERATURE: MINIMUM ambient °F MAXIMUM 200 °F | 29. TANK TURN OVER PER YEAR: 1,275,000 | <input type="checkbox"/> BBLS/yr <input checked="" type="checkbox"/> GALS/yr | |
| 30. MAXIMUM FILLING RATE: 10,000 | <input type="checkbox"/> BBLS/DAY <input checked="" type="checkbox"/> GALS/DAY | 31. AVERAGE THROUGHPUT: 4.640 | <input type="checkbox"/> BBLS/DAY <input checked="" type="checkbox"/> GALS/DAY |
| 32. PRESSURE EQUALIZERS USED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | 33. PERMANENT SUBMERGED LOADING PIPE USED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | | |
| 34. VAPOR LOSS CONTROL DEVICE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | IF VAPOR LOSS CONTROL DEVICE IS USED, COMPLETE "DATA & INFORMATION -- AIR POLLUTION CONTROL EQUIPMENT," (FORM APC-260), AS PART OF THIS APPLICATION. | | |

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STATE OF ILLINOIS
 ENVIRONMENTAL PROTECTION AGENCY
 DIVISION OF AIR POLLUTION CONTROL
 2200 CHURCHILL ROAD
 SPRINGFIELD, ILLINOIS 62706

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| PROCESS EMISSION SOURCE ADDENDUM | FOR AGENCY USE ONLY |
| TANK | |

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|---|---|
| 1. NAME OF OWNER: Asphalt Materials, Inc. | 2. NAME OF CORPORATE DIVISION OR PLANT (IF DIFFERENT FROM OWNER): Emulsicoat |
| 3. STREET ADDRESS OF EMISSION SOURCE: 705 East University Ave. | 4. CITY OF EMISSION SOURCE: Urbana |

| TANK INFORMATION | | | |
|---|---|--|--|
| 5. NAME OF TANK MANUFACTURER: Canton Steel Fabricators | 6. DESIGNATION OF TANK: Tank # 902 | | |
| 7. SERIAL NUMBER: none | 8. CAPACITY: 249,320 Gal. | | |
| 9. TANK USE: Storage of Asphalt Cement | 10. NUMBER OF SAME CAPACITY TANKS STORING SAME MATERIAL: 1 | | |
| 11. TANK SHAPE: <input type="checkbox"/> HORIZONTAL <input checked="" type="checkbox"/> CYLINDRICAL <input type="checkbox"/> SPHERICAL <input type="checkbox"/> OTHER(SPECIFY) _____ | | | |
| 12. TANK DIAMETER: 37 FT | 13. TANK HEIGHT: 31 FT | 14. TANK LENGTH: N/A FT | |
| 15. STATUS: <input checked="" type="checkbox"/> EXISTING <input type="checkbox"/> ALTERATION | | 16. TANK TYPE: <input type="checkbox"/> PRESSURE <input checked="" type="checkbox"/> FIXED ROOF <input type="checkbox"/> FLOATING ROOF <input type="checkbox"/> OTHER(SPECIFY) _____ | |
| 17. SEAL: N/A <input type="checkbox"/> SINGLE <input type="checkbox"/> DOUBLE <input type="checkbox"/> OTHER (SPECIFY) _____ | | 18. AVERAGE DISTANCE FROM TOP OF TANK SHELL TO LIQUID: 5 FT. | |
| 19. SHELL TYPE: <input type="checkbox"/> RIVETED <input checked="" type="checkbox"/> WELDED <input type="checkbox"/> OTHER(SPECIFY) _____ | | 20. PAINT COLOR: Aluminum | |

| VENT VALVE DATA | | | |
|-----------------|-----------------|------------------|---|
| TYPE OF VENT | NUMBER OF VENTS | PRESSURE SETTING | DISCHARGE VENTED TO (ATMOSPHERE, FLARE, ETC.) |
| 21. COMBINATION | a. | b. PSIG | c. |
| 22. PRESSURE | a. | b. PSIG | c. |
| 23. VACUUM | a. | b. PSIG | c. |
| 24. OPEN | a. 1 | b. N/A PSIG | c. Atmosphere |

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|------------------------------|--------------------------------------|---|
| MATERIAL TO BE STORED | | 300°F |
| 25. MATERIAL: Asphalt Cement | 26. DENSITY: 63.3 LB/FT ³ | 27. VAPOR PRESSURE AT 1.9 X 10 ⁻⁹ PSIA |

| | | | |
|---|--|--------------------------------|---|
| STORAGE CONDITIONS | | | |
| 28. STORAGE TEMPERATURE: MINIMUM ambient °F MAXIMUM 200 °F | 29. TANK TURN OVER PER YEAR: 750,000 | <input type="checkbox"/> BBLS/ | <input checked="" type="checkbox"/> GALS/ yr |
| 30. MAXIMUM FILLING RATE: 10,000 | <input type="checkbox"/> BBLS/DAY <input checked="" type="checkbox"/> GALS/DAY | 31. AVERAGE THROUGHPUT: 2,730 | <input type="checkbox"/> BBLS/DAY <input checked="" type="checkbox"/> GALS/DAY |
| 32. PRESSURE EQUALIZERS USED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | 33. PERMANENT SUBMERGED LOADING PIPE USED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | | |
| 34. VAPOR LOSS CONTROL DEVICE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | IF VAPOR LOSS CONTROL DEVICE IS USED, COMPLETE "DATA & INFORMATION -- AIR POLLUTION CONTROL EQUIPMENT," (FORM APC-260), AS PART OF THIS APPLICATION. | | |

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STATE OF ILLINOIS
 ENVIRONMENTAL PROTECTION AGENCY
 DIVISION OF AIR POLLUTION CONTROL
 2200 CHURCHILL ROAD
 SPRINGFIELD, ILLINOIS 62706

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| PROCESS EMISSION SOURCE ADDENDUM TANK | FOR AGENCY USE ONLY |
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|---|---|
| 1. NAME OF OWNER: Asphalt Materials, Inc. | 2. NAME OF CORPORATE DIVISION OR PLANT (IF DIFFERENT FROM OWNER): Emulsicoat |
| 3. STREET ADDRESS OF EMISSION SOURCE: 705 East University Ave. | 4. CITY OF EMISSION SOURCE: Urbana |

| TANK INFORMATION | | | |
|--|---|---|--|
| 5. NAME OF TANK MANUFACTURER: D & V Tank co. | 6. DESIGNATION OF TANK: Tank # 903 | | |
| 7. SERIAL NUMBER: none | 8. CAPACITY: 203,737 Gal | | |
| 9. TANK USE: Storage of Asphalt Cement | 10. NUMBER OF SAME CAPACITY TANKS STORING SAME MATERIAL: 1 | | |
| 11. TANK SHAPE: <input type="checkbox"/> HORIZONTAL <input checked="" type="checkbox"/> CYLINDRICAL <input type="checkbox"/> SPHERICAL <input type="checkbox"/> OTHER(SPECIFY) _____ | | | |
| 12. TANK DIAMETER: 34 FT | 13. TANK HEIGHT: 30 FT | 14. TANK LENGTH: N/A FT | |
| 15. STATUS: <input checked="" type="checkbox"/> EXISTING <input type="checkbox"/> ALTERATION | | 16. TANK TYPE: <input checked="" type="checkbox"/> FIXED ROOF <input type="checkbox"/> FLOATING ROOF <input type="checkbox"/> PRESSURE <input type="checkbox"/> OTHER(SPECIFY) _____ | |
| 17. SEAL: N/A <input type="checkbox"/> SINGLE <input type="checkbox"/> DOUBLE <input type="checkbox"/> OTHER (SPECIFY) _____ | | 18. AVERAGE DISTANCE FROM TOP OF TANK SHELL TO LIQUID: 5 FT. | |
| 19. SHELL TYPE: <input type="checkbox"/> RIVETED <input checked="" type="checkbox"/> WELDED <input type="checkbox"/> OTHER(SPECIFY) _____ | | 20. PAINT COLOR: Aluminum | |

| VENT VALVE DATA | | | |
|-----------------|-----------------|------------------|---|
| TYPE OF VENT | NUMBER OF VENTS | PRESSURE SETTING | DISCHARGE VENTED TO (ATMOSPHERE, FLARE, ETC.) |
| 21. COMBINATION | a. | b. PSIG | c. |
| 22. PRESSURE | a. | b. PSIG | c. |
| 23. VACUUM | a. | b. PSIG | c. |
| 24. OPEN | a. 1 | b. N/A PSIG | c. Atmosphere |

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|------------------------------|--------------------------------------|---|
| MATERIAL TO BE STORED | | 300°F |
| 25. MATERIAL: Asphalt Cement | 26. DENSITY: 63.3 LB/FT ³ | 27. VAPOR PRESSURE AT 1.9 X 10 ⁻⁹ PSIA |

| | | | |
|--|---|--------------------------------|---|
| STORAGE CONDITIONS | | | |
| 28. STORAGE TEMPERATURE: MINIMUM ambient °F MAXIMUM 200 °F | 29. TANK TURN OVER PER YEAR: 610,000 | <input type="checkbox"/> BBLs/ | <input checked="" type="checkbox"/> GALS/ YR |
| 30. MAXIMUM FILLING RATE: 10,000 | <input type="checkbox"/> BBLs/DAY <input checked="" type="checkbox"/> GALS/DAY | 31. AVERAGE THROUGHPUT: 2,220 | <input type="checkbox"/> BBLs/DAY <input checked="" type="checkbox"/> GALS/DAY |
| 32. PRESSURE EQUALIZERS USED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | 33. PERMANENT SUBMERGED LOADING PIPE USED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | | |
| 34. VAPOR LOSS CONTROL DEVICE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | | | |
| IF VAPOR LOSS CONTROL DEVICE IS USED, COMPLETE "DATA & INFORMATION -- AIR POLLUTION CONTROL EQUIPMENT," (FORM APC-260), AS PART OF THIS APPLICATION. | | | |

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STATE OF ILLINOIS
 ENVIRONMENTAL PROTECTION AGENCY
 DIVISION OF AIR POLLUTION CONTROL
 2200 CHURCHILL ROAD
 SPRINGFIELD, ILLINOIS 62706

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| PROCESS EMISSION SOURCE ADDENDUM TANK | FOR AGENCY USE ONLY |
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|---|---|
| 1. NAME OF OWNER: Asphalt Materials, Inc. | 2. NAME OF CORPORATE DIVISION OR PLANT (IF DIFFERENT FROM OWNER): Emulsicoat |
| 3. STREET ADDRESS OF EMISSION SOURCE: 705 East University Ave. | 4. CITY OF EMISSION SOURCE: Urbana |

| TANK INFORMATION | | | |
|---|---|--|--|
| 5. NAME OF TANK MANUFACTURER: Matrix Company | 6. DESIGNATION OF TANK: Tank # 904 | | |
| 7. SERIAL NUMBER: none | 8. CAPACITY: 704,966 Gal. | | |
| 9. TANK USE: Storage of Asphalt Cement | 10. NUMBER OF SAME CAPACITY TANKS STORING SAME MATERIAL: 1 | | |
| 11. TANK SHAPE: <input type="checkbox"/> HORIZONTAL <input checked="" type="checkbox"/> CYLINDRICAL <input type="checkbox"/> SPHERICAL <input type="checkbox"/> OTHER(SPECIFY) _____ | | | |
| 12. TANK DIAMETER: 50 FT | 13. TANK HEIGHT: 48 FT | 14. TANK LENGTH: N/A FT | |
| 15. STATUS: <input checked="" type="checkbox"/> EXISTING <input type="checkbox"/> ALTERATION | | 16. TANK TYPE: <input type="checkbox"/> PRESSURE <input checked="" type="checkbox"/> FIXED ROOF <input type="checkbox"/> FLOATING ROOF <input type="checkbox"/> OTHER(SPECIFY) _____ | |
| 17. SEAL: N/A <input type="checkbox"/> SINGLE <input type="checkbox"/> DOUBLE <input type="checkbox"/> OTHER (SPECIFY) _____ | | 18. AVERAGE DISTANCE FROM TOP OF TANK SHELL TO LIQUID: 5 FT. | |
| 19. SHELL TYPE: <input type="checkbox"/> RIVETED <input checked="" type="checkbox"/> WELDED <input type="checkbox"/> OTHER(SPECIFY) _____ | | 20. PAINT COLOR: Aluminum | |

| VENT VALVE DATA | | | | |
|-----------------|-----------------|------------------|---|--|
| TYPE OF VENT | NUMBER OF VENTS | PRESSURE SETTING | DISCHARGE VENTED TO (ATMOSPHERE, FLARE, ETC.) | |
| 21. COMBINATION | a. | b. PSIG | c. | |
| 22. PRESSURE | a. | b. PSIG | c. | |
| 23. VACUUM | a. | b. PSIG | c. | |
| 24. OPEN | a. 1 | b. N/A PSIG | c. Atmosphere | |

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|------------------------------|--------------------------------------|---|
| MATERIAL TO BE STORED | | 300°F |
| 25. MATERIAL: Asphalt Cement | 26. DENSITY: 63.3 LB/FT ³ | 27. VAPOR PRESSURE AT 1.9 X 10 ⁻⁹ PSIA |

| | | | |
|---|--|--------------------------------|--|
| STORAGE CONDITIONS | | | |
| 28. STORAGE TEMPERATURE: MINIMUM ambient °F MAXIMUM 200 °F | 29. TANK TURN OVER PER YEAR: 2,100,000 | <input type="checkbox"/> BBLS/ | <input checked="" type="checkbox"/> GALS/ YR |
| 30. MAXIMUM FILLING RATE: 10,000 | <input type="checkbox"/> BBLS/DAY | 31. AVERAGE THROUGHPUT: 7,640 | <input type="checkbox"/> BBLS/DAY |
| | <input checked="" type="checkbox"/> GALS/DAY | | <input checked="" type="checkbox"/> GALS/DAY |
| 32. PRESSURE EQUALIZERS USED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | 33. PERMANENT SUBMERGED LOADING PIPE USED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | | |
| 34. VAPOR LOSS CONTROL DEVICE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | IF VAPOR LOSS CONTROL DEVICE IS USED, COMPLETE "DATA & INFORMATION -- AIR POLLUTION CONTROL EQUIPMENT," (FORM APC-260), AS PART OF THIS APPLICATION. | | |

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STATE OF ILLINOIS
 ENVIRONMENTAL PROTECTION AGENCY
 DIVISION OF AIR POLLUTION CONTROL
 2200 CHURCHILL ROAD
 SPRINGFIELD, ILLINOIS 62706

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| PROCESS EMISSION SOURCE ADDENDUM TANK | FOR AGENCY USE ONLY |
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|---|---|
| 1. NAME OF OWNER: Asphalt Materials, Inc. | 2. NAME OF CORPORATE DIVISION OR PLANT (IF DIFFERENT FROM OWNER): Emulsicoat |
| 3. STREET ADDRESS OF EMISSION SOURCE: 705 East University Ave. | 4. CITY OF EMISSION SOURCE: Urbana |

| TANK INFORMATION | | | |
|--|---|---|--|
| 5. NAME OF TANK MANUFACTURER: Chicago Iron & Bridge Co. | 6. DESIGNATION OF TANK: Tank # 905 | | |
| 7. SERIAL NUMBER: none | 8. CAPACITY: 127,066 Gal. | | |
| 9. TANK USE: Storage of Asphalt Cement | 10. NUMBER OF SAME CAPACITY TANKS STORING SAME MATERIAL: 1 | | |
| 11. TANK SHAPE: <input type="checkbox"/> HORIZONTAL <input checked="" type="checkbox"/> CYLINDRICAL <input type="checkbox"/> SPHERICAL <input type="checkbox"/> OTHER(SPECIFY) _____ | | | |
| 12. TANK DIAMETER: 26 FT | 13. TANK HEIGHT: 32 FT | 14. TANK LENGTH: N/A FT | |
| 15. STATUS: <input checked="" type="checkbox"/> EXISTING <input type="checkbox"/> ALTERATION | | 16. TANK TYPE: <input checked="" type="checkbox"/> FIXED ROOF <input type="checkbox"/> FLOATING ROOF <input type="checkbox"/> PRESSURE <input type="checkbox"/> OTHER(SPECIFY) _____ | |
| 17. SEAL: N/A <input type="checkbox"/> SINGLE <input type="checkbox"/> OTHER (SPECIFY) _____ <input type="checkbox"/> DOUBLE | | 18. AVERAGE DISTANCE FROM TOP OF TANK SHELL TO LIQUID: 5 FT. | |
| 19. SHELL TYPE: <input type="checkbox"/> RIVETED <input checked="" type="checkbox"/> WELDED <input type="checkbox"/> OTHER(SPECIFY) _____ | | 20. PAINT COLOR: Aluminum | |

| VENT VALVE DATA | | | |
|-----------------|-----------------|------------------|---|
| TYPE OF VENT | NUMBER OF VENTS | PRESSURE SETTING | DISCHARGE VENTED TO (ATMOSPHERE, FLARE, ETC.) |
| 21. COMBINATION | a. | b. PSIG | c. |
| 22. PRESSURE | a. | b. PSIG | c. |
| 23. VACUUM | a. | b. PSIG | c. |
| 24. OPEN | a. 1 | b. N/A PSIG | c. Atmosphere |

[Empty rectangular box]

| | | |
|------------------------------|--------------------------------------|---|
| MATERIAL TO BE STORED | | 300°F |
| 25. MATERIAL: Asphalt Cement | 26. DENSITY: 63.3 LB/FT ³ | 27. VAPOR PRESSURE AT 1.9 X 10 ⁻⁹ PSIA |

| | | | |
|---|--|----------------------------------|--|
| STORAGE CONDITIONS | | | |
| 28. STORAGE TEMPERATURE: MINIMUM ambient °F MAXIMUM 200 °F | 29. TANK TURN OVER PER YEAR: 380,000 | <input type="checkbox"/> BBLs/yr | <input checked="" type="checkbox"/> GALS/yr |
| 30. MAXIMUM FILLING RATE: 10,000 | <input type="checkbox"/> BBLs/DAY | 31. AVERAGE THROUGHPUT: 1,385 | <input type="checkbox"/> BBLs/DAY |
| | <input checked="" type="checkbox"/> GALS/DAY | | <input checked="" type="checkbox"/> GALS/DAY |
| 32. PRESSURE EQUALIZERS USED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | 33. PERMANENT SUBMERGED LOADING PIPE USED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | | |
| 34. VAPOR LOSS CONTROL DEVICE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | IF VAPOR LOSS CONTROL DEVICE IS USED, COMPLETE "DATA & INFORMATION -- AIR POLLUTION CONTROL EQUIPMENT," (FORM APC-260), AS PART OF THIS APPLICATION. | | |

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STATE OF ILLINOIS
 ENVIRONMENTAL PROTECTION AGENCY
 DIVISION OF AIR POLLUTION CONTROL
 2200 CHURCHILL ROAD
 SPRINGFIELD, ILLINOIS 62706

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| PROCESS EMISSION SOURCE ADDENDUM TANK | FOR AGENCY USE ONLY |
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|---|---|
| 1. NAME OF OWNER: Asphalt Materials, Inc. | 2. NAME OF CORPORATE DIVISION OR PLANT (IF DIFFERENT FROM OWNER): Emulsicoat |
| 3. STREET ADDRESS OF EMISSION SOURCE: 705 East University Ave. | 4. CITY OF EMISSION SOURCE: Urbana |

| TANK INFORMATION | | | |
|---|---|--|--|
| 5. NAME OF TANK MANUFACTURER: D & V Company | 6. DESIGNATION OF TANK: Tank # 906 | | |
| 7. SERIAL NUMBER: none | 8. CAPACITY: 108,280 Gal. | | |
| 9. TANK USE: Storage of Asphalt Cement | 10. NUMBER OF SAME CAPACITY TANKS STORING SAME MATERIAL: 1 | | |
| 11. TANK SHAPE: <input type="checkbox"/> HORIZONTAL <input checked="" type="checkbox"/> CYLINDRICAL <input type="checkbox"/> SPHERICAL <input type="checkbox"/> OTHER(SPECIFY) _____ | | | |
| 12. TANK DIAMETER: 24 FT | 13. TANK HEIGHT: 32 FT | 14. TANK LENGTH: N/A FT | |
| 15. STATUS: <input checked="" type="checkbox"/> EXISTING <input type="checkbox"/> ALTERATION | | 16. TANK TYPE: <input type="checkbox"/> PRESSURE <input checked="" type="checkbox"/> FIXED ROOF <input type="checkbox"/> FLOATING ROOF <input type="checkbox"/> OTHER(SPECIFY) _____ | |
| 17. SEAL: N/A <input type="checkbox"/> SINGLE <input type="checkbox"/> DOUBLE <input type="checkbox"/> OTHER (SPECIFY) _____ | | 18. AVERAGE DISTANCE FROM TOP OF TANK SHELL TO LIQUID: 5 FT. | |
| 19. SHELL TYPE: <input type="checkbox"/> RIVETED <input checked="" type="checkbox"/> WELDED <input type="checkbox"/> OTHER(SPECIFY) _____ | | 20. PAINT COLOR: Aluminum | |

| VENT VALVE DATA | | | |
|-----------------|-----------------|------------------|---|
| TYPE OF VENT | NUMBER OF VENTS | PRESSURE SETTING | DISCHARGE VENTED TO (ATMOSPHERE, FLARE, ETC.) |
| 21. COMBINATION | a. | b. PSIG | c. |
| 22. PRESSURE | a. | b. PSIG | c. |
| 23. VACUUM | a. | b. PSIG | c. |
| 24. OPEN | a. 1 | b. N/A PSIG | c. Atmosphere |

[Redacted]

| | | |
|------------------------------|--------------------------------------|---|
| MATERIAL TO BE STORED | | 300°F |
| 25. MATERIAL: Asphalt Cement | 26. DENSITY: 63.3 LB/FT ³ | 27. VAPOR PRESSURE AT 1.9 X 10 ⁻⁹ PSIA |

| | | | |
|---|--|-----------------------------------|--|
| STORAGE CONDITIONS | | | |
| 28. STORAGE TEMPERATURE: MINIMUM ambient °F MAXIMUM 200 °F | 29. TANK TURN OVER PER YEAR: 330,000 | <input type="checkbox"/> BBLS/DAY | <input checked="" type="checkbox"/> GALS/DAY |
| 30. MAXIMUM FILLING RATE: 10,000 | <input type="checkbox"/> BBLS/DAY | 31. AVERAGE THROUGHPUT: 1,200 | <input type="checkbox"/> BBLS/DAY |
| | <input checked="" type="checkbox"/> GALS/DAY | | <input checked="" type="checkbox"/> GALS/DAY |
| 32. PRESSURE EQUALIZERS USED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | 33. PERMANENT SUBMERGED LOADING PIPE USED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | | |
| 34. VAPOR LOSS CONTROL DEVICE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | IF VAPOR LOSS CONTROL DEVICE IS USED, COMPLETE "DATA & INFORMATION -- AIR POLLUTION CONTROL EQUIPMENT," (FORM APC-260), AS PART OF THIS APPLICATION. | | |

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STATE OF ILLINOIS
 ENVIRONMENTAL PROTECTION AGENCY
 DIVISION OF AIR POLLUTION CONTROL
 2200 CHURCHILL ROAD
 SPRINGFIELD, ILLINOIS 62706

| | |
|--|---------------------|
| PROCESS EMISSION SOURCE ADDENDUM TANK | FOR AGENCY USE ONLY |
|--|---------------------|

| | |
|---|---|
| 1. NAME OF OWNER: Asphalt Materials, Inc. | 2. NAME OF CORPORATE DIVISION OR PLANT (IF DIFFERENT FROM OWNER): Emulsicoat |
| 3. STREET ADDRESS OF EMISSION SOURCE: 705 East University Ave. | 4. CITY OF EMISSION SOURCE: Urbana |

| TANK INFORMATION | | | |
|--|---|---|--|
| 5. NAME OF TANK MANUFACTURER: Matrix Tank | 6. DESIGNATION OF TANK: Tank # 907 | | |
| 7. SERIAL NUMBER: none | 8. CAPACITY: 1,015,160 Gal. | | |
| 9. TANK USE: Storage of Asphalt Cement | 10. NUMBER OF SAME CAPACITY TANKS STORING SAME MATERIAL: 1 | | |
| 11. TANK SHAPE: <input type="checkbox"/> HORIZONTAL <input checked="" type="checkbox"/> CYLINDRICAL <input type="checkbox"/> SPHERICAL <input type="checkbox"/> OTHER(SPECIFY) _____ | | | |
| 12. TANK DIAMETER: 60 FT | 13. TANK HEIGHT: 48 FT | 14. TANK LENGTH: N/A FT | |
| 15. STATUS: <input checked="" type="checkbox"/> EXISTING <input type="checkbox"/> ALTERATION | | 16. TANK TYPE: <input checked="" type="checkbox"/> FIXED ROOF <input type="checkbox"/> FLOATING ROOF <input type="checkbox"/> PRESSURE <input type="checkbox"/> OTHER(SPECIFY) _____ | |
| 17. SEAL: N/A <input type="checkbox"/> SINGLE <input type="checkbox"/> DOUBLE <input type="checkbox"/> OTHER (SPECIFY) _____ | | 18. AVERAGE DISTANCE FROM TOP OF TANK SHELL TO LIQUID: 5 FT. | |
| 19. SHELL TYPE: <input type="checkbox"/> RIVETED <input checked="" type="checkbox"/> WELDED <input type="checkbox"/> OTHER(SPECIFY) _____ | | 20. PAINT COLOR: Aluminum | |

| VENT VALVE DATA | | | | |
|-----------------|-----------------|------------------|---|--|
| TYPE OF VENT | NUMBER OF VENTS | PRESSURE SETTING | DISCHARGE VENTED TO (ATMOSPHERE, FLARE, ETC.) | |
| 21. COMBINATION | a. | b. PSIG | c. | |
| 22. PRESSURE | a. | b. PSIG | c. | |
| 23. VACUUM | a. | b. PSIG | c. | |
| 24. OPEN | a. 1 | b. N/A PSIG | c. Atmosphere | |

| |
|--|
| |
|--|

| | | | |
|------------------------------|--------------------------------------|---|-------|
| MATERIAL TO BE STORED | | | 300°F |
| 25. MATERIAL: Asphalt Cement | 26. DENSITY: 63.3 LB/FT ³ | 27. VAPOR PRESSURE AT 1.9 X 10 ⁻⁹ PSIA | |

| | | | |
|---|--|---|---|
| STORAGE CONDITIONS | | | |
| 28. STORAGE TEMPERATURE: MINIMUM ambient °F MAXIMUM 200 °F | 29. TANK TURN OVER PER YEAR: 3,000,000 | <input type="checkbox"/> BBLs/yr <input checked="" type="checkbox"/> GALS/yr | |
| 30. MAXIMUM FILLING RATE: 10,000 | <input type="checkbox"/> BBLs/DAY <input checked="" type="checkbox"/> GALS/DAY | 31. AVERAGE THROUGHPUT: 10,910 | <input type="checkbox"/> BBLs/DAY <input checked="" type="checkbox"/> GALS/DAY |
| 32. PRESSURE EQUALIZERS USED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | 33. PERMANENT SUBMERGED LOADING PIPE USED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | | |
| 34. VAPOR LOSS CONTROL DEVICE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | IF VAPOR LOSS CONTROL DEVICE IS USED, COMPLETE "DATA & INFORMATION -- AIR POLLUTION CONTROL EQUIPMENT," (FORM APC-260), AS PART OF THIS APPLICATION. | | |

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STATE OF ILLINOIS
 ENVIRONMENTAL PROTECTION AGENCY
 DIVISION OF AIR POLLUTION CONTROL
 2200 CHURCHILL ROAD
 SPRINGFIELD, ILLINOIS 62706

| | |
|--|---------------------|
| PROCESS EMISSION SOURCE ADDENDUM TANK | FOR AGENCY USE ONLY |
|--|---------------------|

| | |
|---|---|
| 1. NAME OF OWNER: Asphalt Materials, Inc. | 2. NAME OF CORPORATE DIVISION OR PLANT (IF DIFFERENT FROM OWNER): Emulsicoat |
| 3. STREET ADDRESS OF EMISSION SOURCE: 705 East University Ave. | 4. CITY OF EMISSION SOURCE: Urbana |

| TANK INFORMATION | | | |
|---|---------------------------|--|--|
| 5. NAME OF TANK MANUFACTURER: Certified Equipment & Mfg. Co. | | 6. DESIGNATION OF TANK: Tank # 908 | |
| 7. SERIAL NUMBER: none | | 8. CAPACITY: 23,688 Gal. | |
| 9. TANK USE: Storage of Asphalt Cement | | 10. NUMBER OF SAME CAPACITY TANKS STORING SAME MATERIAL: 3 | |
| 11. TANK SHAPE: <input type="checkbox"/> HORIZONTAL <input checked="" type="checkbox"/> CYLINDRICAL <input type="checkbox"/> SPHERICAL <input type="checkbox"/> OTHER(SPECIFY) _____ | | | |
| 12. TANK DIAMETER: 12 FT | 13. TANK HEIGHT: 28 FT | 14. TANK LENGTH: N/A FT | |
| 15. STATUS: <input checked="" type="checkbox"/> EXISTING <input type="checkbox"/> ALTERATION | | 16. TANK TYPE: <input type="checkbox"/> PRESSURE <input checked="" type="checkbox"/> FIXED ROOF <input type="checkbox"/> FLOATING ROOF <input type="checkbox"/> OTHER(SPECIFY) _____ | |
| 17. SEAL: N/A <input type="checkbox"/> SINGLE <input type="checkbox"/> DOUBLE <input type="checkbox"/> OTHER (SPECIFY) _____ | | 18. AVERAGE DISTANCE FROM TOP OF TANK SHELL TO LIQUID: 5 FT. | |
| 19. SHELL TYPE: <input type="checkbox"/> RIVETED <input checked="" type="checkbox"/> WELDED <input type="checkbox"/> OTHER(SPECIFY) _____ | | 20. PAINT COLOR: Aluminum | |

| VENT VALVE DATA | | | |
|-----------------|-----------------|------------------|---|
| TYPE OF VENT | NUMBER OF VENTS | PRESSURE SETTING | DISCHARGE VENTED TO (ATMOSPHERE, FLARE, ETC.) |
| 21. COMBINATION | a. | b. PSIG | c. |
| 22. PRESSURE | a. | b. PSIG | c. |
| 23. VACUUM | a. | b. PSIG | c. |
| 24. OPEN | a. 1 | b. N/A PSIG | c. Atmosphere |

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STATE OF ILLINOIS
ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF AIR POLLUTION CONTROL
2200 CHURCHILL ROAD
SPRINGFIELD, ILLINOIS 62706

| | |
|----------------------------------|---------------------|
| PROCESS EMISSION SOURCE ADDENDUM | FOR AGENCY USE ONLY |
| TANK | |

| | |
|---|---|
| 1. NAME OF OWNER: Asphalt Materials, Inc. | 2. NAME OF CORPORATE DIVISION OR PLANT (IF DIFFERENT FROM OWNER): Emulsicoat |
| 3. STREET ADDRESS OF EMISSION SOURCE: 705 East University Ave. | 4. CITY OF EMISSION SOURCE: Urbana |

| TANK INFORMATION | | | |
|---|---|--|--|
| 5. NAME OF TANK MANUFACTURER: Certified Equipment & Mfg. Co. | 6. DESIGNATION OF TANK: Tank # 909 | | |
| 7. SERIAL NUMBER: none | 8. CAPACITY: 23,688 Gal. | | |
| 9. TANK USE: Storage of Asphalt Cement | 10. NUMBER OF SAME CAPACITY TANKS STORING SAME MATERIAL: 3 | | |
| 11. TANK SHAPE: <input type="checkbox"/> HORIZONTAL <input checked="" type="checkbox"/> CYLINDRICAL <input type="checkbox"/> SPHERICAL <input type="checkbox"/> OTHER(SPECIFY) _____ | | | |
| 12. TANK DIAMETER: 12 FT | 13. TANK HEIGHT: 28 FT | 14. TANK LENGTH: N/A FT | |
| 15. STATUS: <input checked="" type="checkbox"/> EXISTING <input type="checkbox"/> ALTERATION | | 16. TANK TYPE: <input type="checkbox"/> PRESSURE <input checked="" type="checkbox"/> FIXED ROOF <input type="checkbox"/> FLOATING ROOF <input type="checkbox"/> OTHER(SPECIFY) _____ | |
| 17. SEAL: N/A <input type="checkbox"/> SINGLE <input type="checkbox"/> DOUBLE <input type="checkbox"/> OTHER (SPECIFY) _____ | | 18. AVERAGE DISTANCE FROM TOP OF TANK SHELL TO LIQUID: 5 FT. | |
| 19. SHELL TYPE: <input type="checkbox"/> RIVETED <input checked="" type="checkbox"/> WELDED <input type="checkbox"/> OTHER(SPECIFY) _____ | | 20. PAINT COLOR: Aluminum | |

| VENT VALVE DATA | | | | |
|-----------------|-----------------|------------------|------|---|
| TYPE OF VENT | NUMBER OF VENTS | PRESSURE SETTING | | DISCHARGE VENTED TO (ATMOSPHERE, FLARE, ETC.) |
| 21. COMBINATION | a. | b. | PSIG | c. |
| 22. PRESSURE | a. | b. | PSIG | c. |
| 23. VACUUM | a. | b. | PSIG | c. |
| 24. OPEN | a. 1 | b. N/A | PSIG | c. Atmosphere |

| | | |
|------------------------------|--------------------------------------|---|
| MATERIAL TO BE STORED | | 300°F |
| 25. MATERIAL: Asphalt Cement | 26. DENSITY: 63.3 LB/FT ³ | 27. VAPOR PRESSURE AT 1.9 X 10 ⁻⁹ PSIA |

| | | | |
|---|--|--------------------------------|---|
| STORAGE CONDITIONS | | | |
| 28. STORAGE TEMPERATURE: MINIMUM ambient °F MAXIMUM 200 °F | 29. TANK TURN OVER PER YEAR: 70,000 | <input type="checkbox"/> BBLS/ | <input checked="" type="checkbox"/> GALS/ y |
| 30. MAXIMUM FILLING RATE: 10,000 | <input type="checkbox"/> BBLS/DAY <input checked="" type="checkbox"/> GALS/DAY | 31. AVERAGE THROUGHPUT: 260 | <input type="checkbox"/> BBLS/DAY <input checked="" type="checkbox"/> GALS/DAY |
| 32. PRESSURE EQUALIZERS USED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | 33. PERMANENT SUBMERGED LOADING PIPE USED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | | |
| 34. VAPOR LOSS CONTROL DEVICE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | IF VAPOR LOSS CONTROL DEVICE IS USED, COMPLETE "DATA & INFORMATION -- AIR POLLUTION CONTROL EQUIPMENT," (FORM APC-260), AS PART OF THIS APPLICATION. | | |

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STATE OF ILLINOIS
 ENVIRONMENTAL PROTECTION AGENCY
 DIVISION OF AIR POLLUTION CONTROL
 2200 CHURCHILL ROAD
 SPRINGFIELD, ILLINOIS 62706

| | |
|--|---------------------|
| PROCESS EMISSION SOURCE ADDENDUM TANK | FOR AGENCY USE ONLY |
|--|---------------------|

| | |
|--|--|
| 1. NAME OF OWNER: <u>Asphalt Materials, Inc.</u> | 2. NAME OF CORPORATE DIVISION OR PLANT (IF DIFFERENT FROM OWNER): <u>Emulsicoat</u> |
| 3. STREET ADDRESS OF EMISSION SOURCE: <u>705 East University Ave.</u> | 4. CITY OF EMISSION SOURCE: <u>Urbana</u> |

| TANK INFORMATION | | | |
|---|----------------------------------|--|--|
| 5. NAME OF TANK MANUFACTURER: <u>Certified Equipment & Mfg. Co.</u> | | 6. DESIGNATION OF TANK: <u>Tank # 910</u> | |
| 7. SERIAL NUMBER: <u>none</u> | | 8. CAPACITY: <u>23,688 Gal.</u> | |
| 9. TANK USE: <u>Storage of Asphalt Cement</u> | | 10. NUMBER OF SAME CAPACITY TANKS STORING SAME MATERIAL: <u>3</u> | |
| 11. TANK SHAPE: <input type="checkbox"/> HORIZONTAL <input checked="" type="checkbox"/> CYLINDRICAL <input type="checkbox"/> SPHERICAL <input type="checkbox"/> OTHER(SPECIFY) _____ | | | |
| 12. TANK DIAMETER: <u>12 FT</u> | 13. TANK HEIGHT: <u>28 FT</u> | 14. TANK LENGTH: <u>N/A FT</u> | |
| 15. STATUS: <input checked="" type="checkbox"/> EXISTING <input type="checkbox"/> ALTERATION | | 16. TANK TYPE: <input type="checkbox"/> PRESSURE <input checked="" type="checkbox"/> FIXED ROOF <input type="checkbox"/> FLOATING ROOF <input type="checkbox"/> OTHER(SPECIFY) _____ | |
| 17. SEAL: <u>N/A</u> <input type="checkbox"/> SINGLE <input type="checkbox"/> DOUBLE <input type="checkbox"/> OTHER (SPECIFY) _____ | | 18. AVERAGE DISTANCE FROM TOP OF TANK SHELL TO LIQUID: <u>5 FT.</u> | |
| 19. SHELL TYPE: <input type="checkbox"/> RIVETED <input checked="" type="checkbox"/> WELDED <input type="checkbox"/> OTHER(SPECIFY) _____ | | 20. PAINT COLOR: <u>Aluminum</u> | |

| VENT VALVE DATA | | | |
|-----------------|-----------------|------------------|---|
| TYPE OF VENT | NUMBER OF VENTS | PRESSURE SETTING | DISCHARGE VENTED TO (ATMOSPHERE, FLARE, ETC.) |
| 21. COMBINATION | a. | b. PSIG | c. |
| 22. PRESSURE | a. | b. PSIG | c. |
| 23. VACUUM | a. | b. PSIG | c. |
| 24. OPEN | a. 1 | b. N/A PSIG | c. Atmosphere |

| | | |
|------------------------------|--------------------------------------|---|
| MATERIAL TO BE STORED | | 300°F |
| 25. MATERIAL: Asphalt Cement | 26. DENSITY: 63.3 LB/FT ³ | 27. VAPOR PRESSURE AT 1.9 X 10 ⁻⁹ PSIA |

| STORAGE CONDITIONS | | | |
|---|--|---|---|
| 28. STORAGE TEMPERATURE: MINIMUM ambient °F MAXIMUM 200 °F | 29. TANK TURN OVER PER YEAR: 70,000 | <input type="checkbox"/> BBLS/ DAY <input checked="" type="checkbox"/> GALS/ DAY | |
| 30. MAXIMUM FILLING RATE: 10,000 | <input type="checkbox"/> BBLS/DAY <input checked="" type="checkbox"/> GALS/DAY | 31. AVERAGE THROUGHPUT: 260 | <input type="checkbox"/> BBLS/DAY <input checked="" type="checkbox"/> GALS/DAY |
| 32. PRESSURE EQUALIZERS USED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | 33. PERMANENT SUBMERGED LOADING PIPE USED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | | |
| 34. VAPOR LOSS CONTROL DEVICE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | IF VAPOR LOSS CONTROL DEVICE IS USED, COMPLETE "DATA & INFORMATION -- AIR POLLUTION CONTROL EQUIPMENT," (FORM APC-260), AS PART OF THIS APPLICATION. | | |



STATE OF ILLINOIS
 ENVIRONMENTAL PROTECTION AGENCY
 DIVISION OF AIR POLLUTION CONTROL
 2200 CHURCHILL ROAD
 SPRINGFIELD, ILLINOIS 62706

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| | |
|---|--|
| <p>*DATA AND INFORMATION</p> <p>PROCESS EMISSION SOURCE</p> | |
|---|--|

*THIS INFORMATION FORM IS TO BE COMPLETED FOR AN EMISSION SOURCE OTHER THAN A FUEL COMBUSTION EMISSION SOURCE OR AN INCINERATOR. A FUEL COMBUSTION EMISSION SOURCE IS A FURNACE, BOILER, OR SIMILAR EQUIPMENT USED PRIMARILY FOR PRODUCING HEAT OR POWER BY INDIRECT HEAT TRANSFER. AN INCINERATOR IS AN APPARATUS IN WHICH REFUSE IS BURNED.

| | |
|---|---|
| 1. NAME OF PLANT OWNER: Asphalt Materials, Inc. | 2. NAME OF CORPORATE DIVISION OR PLANT (IF DIFFERENT FROM OWNER): Emulsicoat, Inc. |
| 3. STREET ADDRESS OF EMISSION SOURCE: 705 E. University Avenue | 4. CITY OF EMISSION SOURCE: Urbana |

| GENERAL INFORMATION | | |
|--|--|--------------------------|
| 5. NAME OF PROCESS: Asphalt Emulsion blending, loading & unloading | 6. NAME OF EMISSION SOURCE EQUIPMENT: Mix tank, loading racks, pumps | |
| 7. EMISSION SOURCE EQUIPMENT MANUFACTURER: Various | 8. MODEL NUMBER: N/A | 9. SERIAL NUMBER: N/A |
| 10. FLOW DIAGRAM DESIGNATION(S) OF EMISSION SOURCE: M-1 to M-5, L0-1 to L0-9, P-1 to P-5 | | |
| 11. IDENTITY(S) OF ANY SIMILAR SOURCE(S) AT THE PLANT OR PREMISES NOT COVERED BY THE FORM (IF THE SOURCE IS COVERED BY ANOTHER APPLICATION, IDENTIFY THE APPLICATION): | | |
| 12. AVERAGE OPERATING TIME OF EMISSION SOURCE: 24 HRS DAY 7 DAYS/WK 40 WKS/YR | 13. MAXIMUM OPERATING TIME OF EMISSION SOURCE: 24 HRS/DAY 7 DAYS/WK 45 WKS/YR | |
| 14. PERCENT OF ANNUAL THROUGHPUT: DEC-FEB 1 % MAR-MAY 33 % JUN-AUG 33 % SEPT-NOV 33 % | | |

| INSTRUCTIONS |
|--|
| <ol style="list-style-type: none"> COMPLETE THE ABOVE IDENTIFICATION AND GENERAL INFORMATION SECTION. COMPLETE THE RAW MATERIAL, PRODUCT, WASTE MATERIAL, AND FUEL USAGE SECTIONS FOR THE PARTICULAR SOURCE EQUIPMENT. COMPOSITIONS OF MATERIALS MUST BE SUFFICIENTLY DETAILED TO ALLOW DETERMINATION OF THE NATURE AND QUANTITY OF POTENTIAL EMISSIONS. IN PARTICULAR, THE COMPOSITION OF PAINTS, INKS, ETC., AND ANY SOLVENTS MUST BE FULLY DETAILED. EMISSION AND EXHAUST POINT INFORMATION MUST BE COMPLETED, UNLESS EMISSIONS ARE EXHAUSTED THROUGH AIR POLLUTION CONTROL EQUIPMENT. OPERATING TIME AND CERTAIN OTHER ITEMS REQUIRE BOTH AVERAGE AND MAXIMUM VALUES. FOR GENERAL INFORMATION REFER TO "GENERAL INSTRUCTIONS FOR PERMIT APPLICATIONS," APC-201. |

| DEFINITIONS |
|--|
| <p>AVERAGE - THE VALUE THAT SUMMARIZES OR REPRESENTS THE GENERAL CONDITION OF THE EMISSION SOURCE, OR THE GENERAL STATE OF PRODUCTION OF THE EMISSION SOURCE. SPECIFICALLY:</p> <p>AVERAGE OPERATING TIME - ACTUAL TOTAL HOURS OF OPERATION FOR THE PRECEDING TWELVE MONTH PERIOD.</p> <p>AVERAGE RATE - ACTUAL TOTAL QUANTITY OF "MATERIAL" FOR THE PRECEDING TWELVE MONTH PERIOD, DIVIDED BY THE AVERAGE OPERATING TIME.</p> <p>AVERAGE OPERATION - OPERATION TYPICAL OF THE PRECEDING TWELVE MONTH PERIOD, AS REPRESENTED BY AVERAGE OPERATING TIME AND AVERAGE RATES.</p> <p>MAXIMUM - THE GREATEST VALUE ATTAINABLE OR ATTAINED FROM THE EMISSION SOURCE, OR THE PERIOD OF GREATEST OR UTMOST PRODUCTION OF THE EMISSION SOURCE. SPECIFICALLY:</p> <p>MAXIMUM OPERATING TIME - GREATEST EXPECTED TOTAL HOURS OF OPERATIONS FOR ANY TWELVE MONTH PERIOD.</p> <p>MAXIMUM RATE - GREATEST QUANTITY OF "MATERIAL" EXPECTED PER ANY ONE HOUR OF OPERATION.</p> <p>MAXIMUM OPERATION - GREATEST EXPECTED OPERATION, AS REPRESENTED BY MAXIMUM OPERATING TIME AND MAXIMUM RATES.</p> |

| RAW MATERIAL INFORMATION | | |
|--------------------------|-----------------------------------|-----------------------------------|
| NAME OF RAW MATERIAL | AVERAGE RATE PER IDENTICAL SOURCE | MAXIMUM RATE PER IDENTICAL SOURCE |
| 20a. Refer to Exhibit A | b. LB/HR | c. LB/HR |
| 21a. | b. LB/HR | c. LB/HR |
| 22a. | b. LB/HR | c. LB/HR |
| 23a. | b. LB/HR | c. LB/HR |
| 24a. | b. LB/HR | c. LB/HR |

| PRODUCT INFORMATION | | |
|-------------------------|-----------------------------------|-----------------------------------|
| NAME OF PRODUCT | AVERAGE RATE PER IDENTICAL SOURCE | MAXIMUM RATE PER IDENTICAL SOURCE |
| 30a. Refer to Exhibit A | b. LB/HR | c. LB/HR |
| 31a. | b. LB/HR | c. LB/HR |
| 32a. | b. LB/HR | c. LB/HR |
| 33a. | b. LB/HR | c. LB/HR |
| 34a. | b. LB/HR | c. LB/HR |

| WASTE MATERIAL INFORMATION | | |
|----------------------------|-----------------------------------|-----------------------------------|
| NAME OF WASTE MATERIAL | AVERAGE RATE PER IDENTICAL SOURCE | MAXIMUM RATE PER IDENTICAL SOURCE |
| 40a. None | b. LB/HR | c. LB/HR |
| 41a. | b. LB/HR | c. LB/HR |
| 42a. | b. LB/HR | c. LB/HR |
| 43a. | b. LB/HR | c. LB/HR |
| 44a. | b. LB/HR | c. LB/HR |

| *FUEL USAGE INFORMATION | | |
|---|----------|---|
| FUEL USED | TYPE | HEAT CONTENT |
| 50a. NATURAL GAS <input type="checkbox"/> | b. _____ | c. 1000 BTU/SCF |
| OTHER GAS <input type="checkbox"/> | | BTU/SCF |
| OIL <input type="checkbox"/> | | BTU/GAL |
| COAL <input type="checkbox"/> | | BTU/LB |
| OTHER <input type="checkbox"/> | | BTU/LB |
| d. AVERAGE FIRING RATE PER IDENTICAL SOURCE: BTU/HR | | e. MAXIMUM FIRING RATE PER IDENTICAL SOURCE: BTU/HR |

*THIS SECTION IS TO BE COMPLETED FOR ANY FUEL USED DIRECTLY IN THE PROCESS EMISSION SOURCE, E.G. GAS IN A DRYER, OR COAL IN A MELT FURNACE.

***EMISSION INFORMATION**

51. NUMBER OF IDENTICAL SOURCES (DESCRIBE AS REQUIRED):

Refer to Exhibit A

AVERAGE OPERATION

| CONTAMINANT | CONCENTRATION OR EMISSION RATE PER IDENTICAL SOURCE | | METHOD USED TO DETERMINE CONCENTRATION OR EMISSION RATE |
|--------------------|---|-------------|---|
| PARTICULATE MATTER | 52a. GR/SCF | b. LB/HR | c. |
| CARBON MONOXIDE | 53a. PPM (VOL) | b. LB/HR | c. |
| NITROGEN OXIDES | 54a. PPM (VOL) | b. LB/HR | c. |
| ORGANIC MATERIAL | 55a. PPM (VOL) | b. LB/HR | c. |
| SULFUR DIOXIDE | 56a. PPM (VOL) | b. LB/HR | c. |
| ** OTHER (SPECIFY) | 57a. PPM (VOL) | b. LB/HR | c. |

MAXIMUM OPERATION

| CONTAMINANT | CONCENTRATION OR EMISSION RATE PER IDENTICAL SOURCE | | METHOD USED TO DETERMINE CONCENTRATION OR EMISSION RATE |
|--------------------|---|-------------|---|
| PARTICULATE MATTER | 58a. GR/SCF | b. LB/HR | c. |
| CARBON MONOXIDE | 59a. PPM (VOL) | b. LB/HR | c. |
| NITROGEN OXIDES | 60a. PPM (VOL) | b. LB/HR | c. |
| ORGANIC MATERIAL | 61a. PPM (VOL) | b. LB/HR | c. |
| SULFUR DIOXIDE | 62a. PPM (VOL) | b. LB/HR | c. |
| ** OTHER (SPECIFY) | 63a. PPM (VOL) | b. LB/HR | c. |

*ITEMS 52 THROUGH 63 NEED NOT BE COMPLETED IF EMISSIONS ARE EXHAUSTED THROUGH AIR POLLUTION CONTROL EQUIPMENT.
 ***OTHER* CONTAMINANT SHOULD BE USED FOR AN AIR CONTAMINANT NOT SPECIFICALLY NAMED ABOVE. POSSIBLE OTHER CONTAMINANTS ARE ASBESTOS, BERYLLIUM, MERCURY, VINYL CHLORIDE, LEAD, ETC.

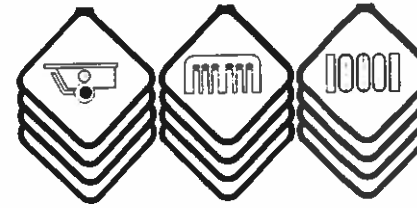
*****EXHAUST POINT INFORMATION**

64. FLOW DIAGRAM DESIGNATION(S) OF EXHAUST POINT:

65. DESCRIPTION OF EXHAUST POINT (LOCATION IN RELATION TO BUILDINGS, DIRECTION, HOODING, ETC.):

| | |
|---|---|
| 66. EXIT HEIGHT ABOVE GRADE: 12 | 67. EXIT DIAMETER: 12" |
| 68. GREATEST HEIGHT OF NEARBY BUILDINGS: 25 FT | 69. EXIT DISTANCE FROM NEAREST PLANT BOUNDARY: 10 FT |
| AVERAGE OPERATION | |
| MAXIMUM OPERATION | |
| 70. EXIT GAS TEMPERATURE: N/A °F | 72. EXIT GAS TEMPERATURE: N/A °F |
| 71. GAS FLOW RATE THROUGH EACH EXIT: N/A ACFM | 73. GAS FLOW RATE THROUGH EACH EACH EXIT: N/A ACFM |

***THIS SECTION SHOULD NOT BE COMPLETED IF EMISSIONS ARE EXHAUSTED THROUGH AIR POLLUTION CONTROL EQUIPMENT.



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EXHIBIT A

This exhibit shall explain other emission sources that occur at the Emulsicoat, Inc. asphalt blending operation.

Raw material (asphalt cement) is shipped in by rail tank car currently to a rail siding at the Anthony Oak Company in Summer Township of Champaign County. Plans are to unload rail tank cars at the Emulsicoat plant directly into the on-site storage tanks. Asphalt Cement may also be brought in by truck tanker trailers. Prior to off-loading, the rail cars are heated by steam connections to raise the temperature of the asphalt and making it more fluid. In this process, the dome lids of the rail tank cars must be open to allow the safe vapor and pressure expansion due to heating of the asphalt cement.

These unloading stations are serviced by pumps and are designated as emission sources P-1, P-2, P-3, P-4, P-5, P-6 as shown on the attached Plot Plan and Flow Diagrams. While the pumps themselves are not emission sources, they are connected to the truck or rail sources, they are connected to the truck or rail car which has the open dome/manway lids.

Approximately 400-450 rail cars are unloaded each year. Each rail car averages 20,000 gallons of asphalt. Approximately 2-2 1/2 hours are taken to off-load a rail tanker giving an unloading pumping rate of 10,000 gallons per hour. Negligible emissions are expected as this is not a continuous operation and the lids are open only during heating and unloading per Mike Davidson of Illinois EPA. No asphalt products are shipped out via rail tank car.

Asphalt emulsions are blended in the asphalt mill inside the production area of the plant. Depending on the type and grade of emulsion desired, the hot asphalt cement is mixed with water, surfactant, and fuel oil, kerosene, sodium hydroxide solution, acid solution, etc. Sodium hydroxide is mixed and diluted in an inground mixing tank (emission points M-1, M-2, M-3, or M-4) and is further diluted. The dilute NaOH solution is then ejected into the milling of the asphalt making the various blends.

Finished Asphalt emulsions are sent to storage tank to await load-out into semi tanker trailers going to highway garages and asphalt pavers for their use. These load-out operations are done at loading racks over the top of the tanker trailers. Loading is done through the open top manway and a 5700 gallon tanker is loaded in approximately 20-30 minutes. The only time the tanker dome lid is open to allow emissions is during the loading process. Negligible emissions are expected.

CERTIFICATION

The undersigned, as Secretary of Emulsicoat, Inc., an Indiana corporation, certifies that the present officers of the corporation as reflected by the minutes of the corporation are as follows:

| | |
|-------------------------|------------------------|
| Fred M. Fehsenfeld, Jr. | President |
| Roderick E. Beyers | Vice President |
| Jacob A. Ruxer | Vice President Finance |
| Lewis L. Davis | Secretary/Treasurer |

The undersigned further certifies that Lewis L. Davis is authorized to sign bids, construction contracts and execute permit applications on behalf of the corporation.

CERTIFIED, This 11th day of September, 1990.

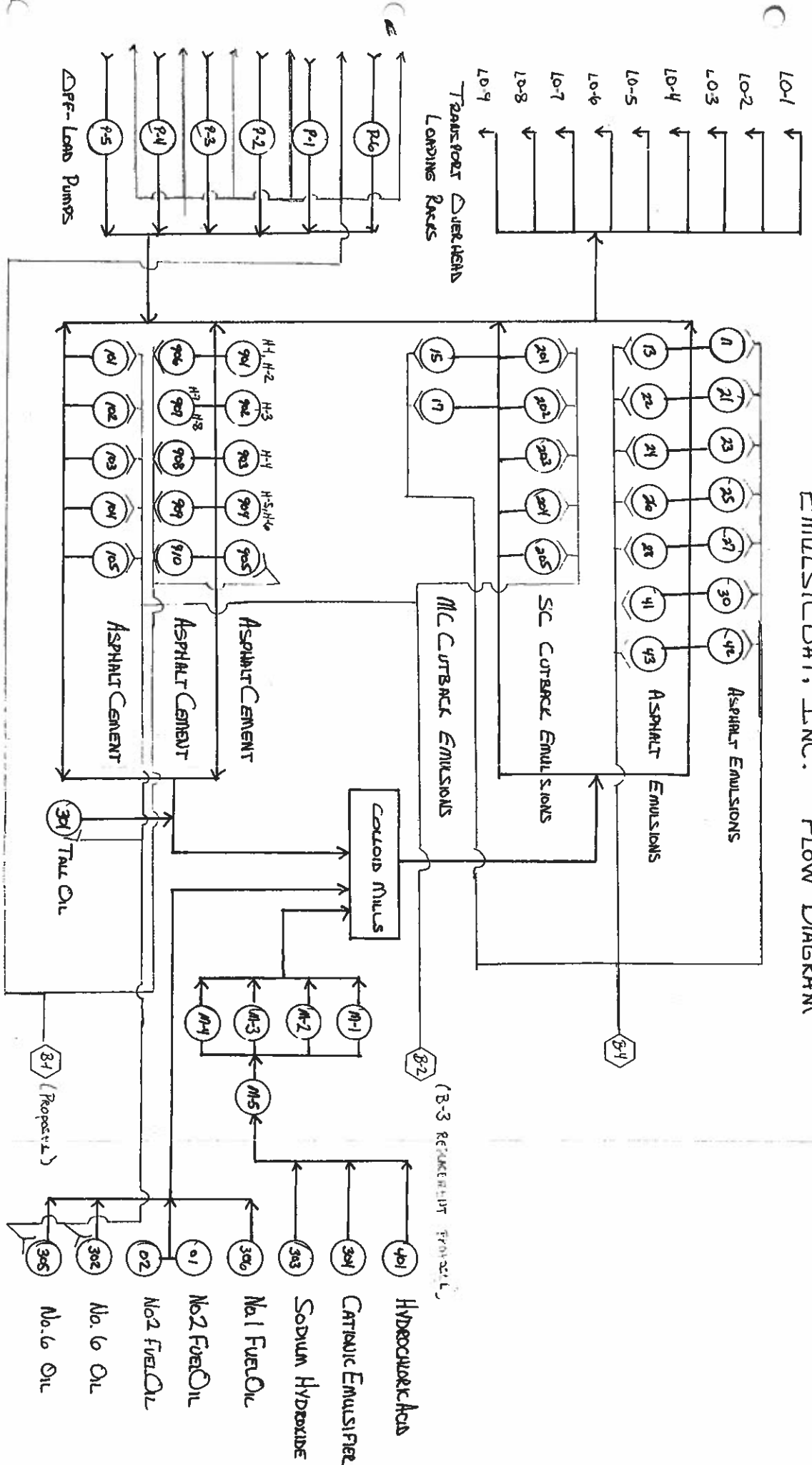
EMULSICOAT, INC.

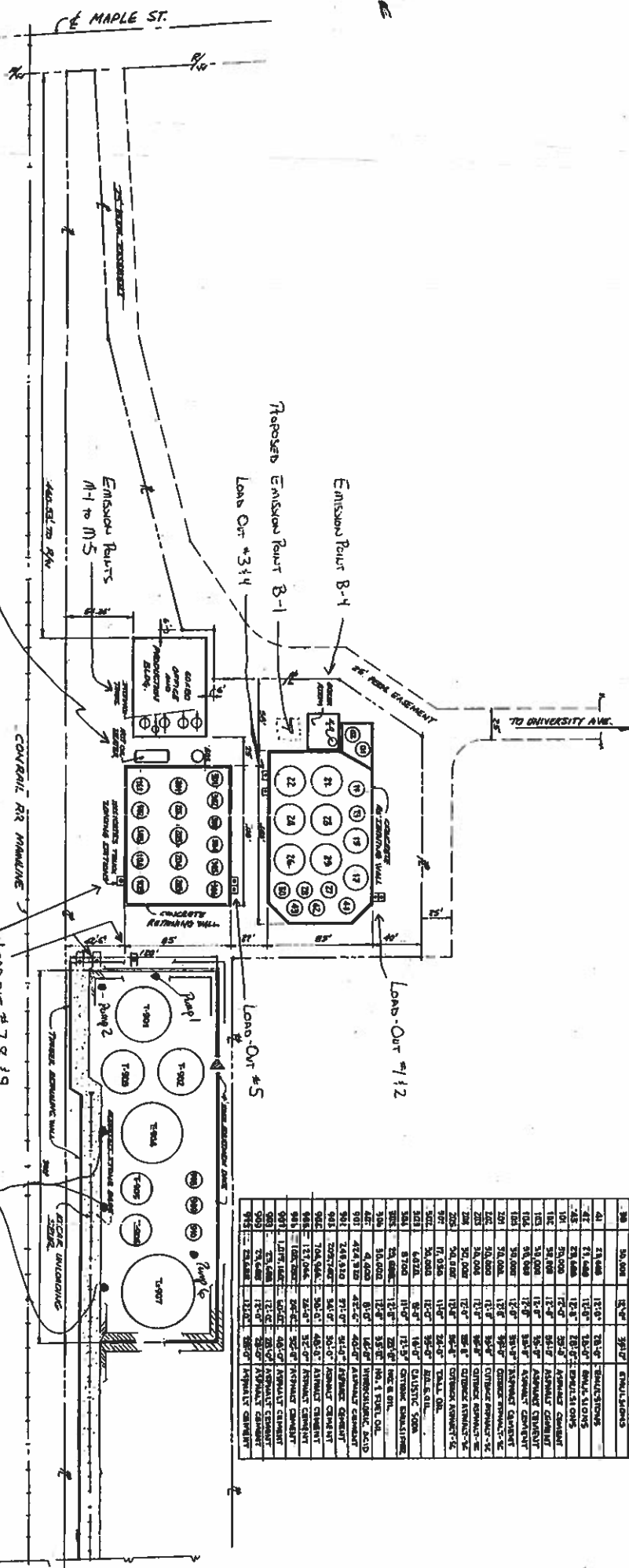

Fred M. Fehsenfeld, Jr.,
President

ATTEST:


Lewis L. Davis, Secretary

EMULSICOAT, INC. FLOW DIAGRAM





TANK SCHEDULE

| TANK NO. | CAPACITY GALS. | SHA. | HEIGHT FT. IN. | CONTENTS |
|----------|----------------|--------|----------------|----------------|
| 01 | 25,000 | 10'-6" | 15'-0" | NO. 2 FUEL OIL |
| 02 | 10,000 | 10'-6" | 15'-0" | NO. 2 FUEL OIL |
| 11 | 20,000 | 12'-0" | 15'-0" | EMULSIONS |
| 12 | 20,000 | 12'-0" | 15'-0" | EMULSIONS |
| 13 | 20,000 | 12'-0" | 15'-0" | EMULSIONS |
| 14 | 20,000 | 12'-0" | 15'-0" | EMULSIONS |
| 15 | 20,000 | 12'-0" | 15'-0" | EMULSIONS |
| 16 | 20,000 | 12'-0" | 15'-0" | EMULSIONS |
| 17 | 20,000 | 12'-0" | 15'-0" | EMULSIONS |
| 18 | 20,000 | 12'-0" | 15'-0" | EMULSIONS |
| 19 | 20,000 | 12'-0" | 15'-0" | EMULSIONS |
| 20 | 20,000 | 12'-0" | 15'-0" | EMULSIONS |
| 21 | 20,000 | 12'-0" | 15'-0" | EMULSIONS |
| 22 | 20,000 | 12'-0" | 15'-0" | EMULSIONS |
| 23 | 20,000 | 12'-0" | 15'-0" | EMULSIONS |
| 24 | 20,000 | 12'-0" | 15'-0" | EMULSIONS |
| 25 | 20,000 | 12'-0" | 15'-0" | EMULSIONS |
| 26 | 20,000 | 12'-0" | 15'-0" | EMULSIONS |
| 27 | 20,000 | 12'-0" | 15'-0" | EMULSIONS |
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| 97 | 20,000 | 12'-0" | 15'-0" | EMULSIONS |
| 98 | 20,000 | 12'-0" | 15'-0" | EMULSIONS |
| 99 | 20,000 | 12'-0" | 15'-0" | EMULSIONS |
| 100 | 20,000 | 12'-0" | 15'-0" | EMULSIONS |

EMULSCOAT, INC.

URBANA, ILL. 61802

GENERAL MANT PLOT PLAN AND
TANK SCHEDULE

1/28/79 AMI-100-0

