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| **Please fill out a form for each asphalt plant** |
| **1. Business information:** | **Air Quality Use Only** |
| Business license name of corporation, company, individual owner, or governmental agency under which the application is submitted |
| **Source Number** |  |
| **2. Emission unit name:** | **Emission Unit Number** |  |
|  |
| **3. Operating schedule:** |
| Hours per day | Days per week | Weeks per year | Days per year |
|  |  |  |  |
| **4. Percentage of yearly operation that occurs during the following quarters:** (total must equal 100%) |
| Dec-Jan-Feb | Mar-April-May | June-July-Aug | Sept-Oct-Nov |
|  |  |  |  |
| **5. Asphalt plant diagram:** |
| The applicant must attach a diagram of the asphalt plant showing material stockpile areas, bins, feeders, conveyors, rotary dryers, elevators, screens, hot bins, mixers, silos, product discharges, control equipment, and pertinent process equipment. |
| **6. Dryer data:** |
| Dryer manufacturer | Dryer model number | Dryer date manufacturer |
| Type of Process[ ]  Batch[ ]  Continuous | Normal batch time | Normal batches per day  | Maximum batches per day | Operating rate (tons/hr) |
| Average | Maximum |
|  |  |
| **7. Fuel data:** |
| Primary fuel type (specify) | Standby fuel type (specify) |
| Fuels Used | Annual Usage | Hour Usage | % Sulfur | % Ash | BTU Value of Fuel |
| Design | Average |
| Natural Gas | 106­­ ft3 | ft3 | ft3 |  |  | 1,020 BTU/ft3­ |
| #2 Fuel Oil | 103 gal | gal | gal |  |  |  |
| #4 Fuel Oil | 103 gal | gal | gal |  |  |  |
| #5 Fuel Oil | 103 gal | gal | gal |  |  |  |
| #6 Fuel Oil | 103 gal | gal | gal |  |  |  |
| Liquid Propane | 103 gal | gal | gal |  |  | 91,500 BTU/gal |
| Other (Specify type & units) |  |  |  |  |  |  |

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| **8. Exhaust stack data:** |
| Height above grade (ft) | Diameter (ft) | Temperature (oF) | Distance to nearest property line (ft) |
| Data at exit conditions: | Flow (actual ft3/min) | Velocity (ft/sec) | Moisture (grains/ft3) | Moisture (percent) |
| Data at standard conditions: | Flow (dry standard ft3/min) | Velocity (ft/sec) | Moisture (grains/ft3) | Moisture (percent) |
| **9. Air contaminants:** |
| Emission estimates for each air contaminant emitted from this point should be based on stack sampling results or engineering calculations. Calculations should be attached on a separate sheet. |
| Air Contaminant | Actual Emissions | Emission Estimate Method Code\* | Control Devices\* | Control Efficiency (%) |
| Emissions (lbs/hr) | Concentration | Average Emissions (tons/yr) |
| Average | Maximum |
| Particulate matter |  |  | gr/dscf\*\* |  |  |  |  |
| Sulfur dioxide (SO2) |  |  | PPM |  |  |  |  |
| Carbon monoxide (CO) |  |  | PPM |  |  |  |  |
| Volatile organic compounds (VOC) |  |  | PPM |  |  |  |  |
| Nitrogen oxides (NOX) |  |  | PPM |  |  |  |  |
| Hydrogen fluoride (HF) |  |  |  |  |  |  |  |
| Hydrogen chloride (HCl) |  |  |  |  |  |  |  |
| Greenhouse gases (CO2 equivalents) |  |  |  |  |  |  |  |
| Other (specify) |  |  |  |  |  |  |  |
| Other (specify) |  |  |  |  |  |  |  |
| **\*** Refer to APC-1 Form: General Information for tables of estimation method and control device codes\*\* Exit gas particulate matter concentration units: grains/dry standard ft3 (70°F) |
| **10.** **Compliance demonstration and monitoring/recording devices:** |
| Description of proposed monitoring and recordkeeping to assure compliance with emission limits. Include operating parameters of source and/or control device being monitored (opacity, flow rate, pressure drop, etc.). |
| Check all attached monitoring and recording devices: | [ ]  No monitor [ ]  Opacity monitor [ ]  Pressure drop gauge [ ]  Electronic data logger [ ]  Strip chart [ ]  Other (describe): |

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| **11. Comments** |
|  |
| **12. Based upon information and belief formed after a reasonable inquiry, I certify that the information contained in this application is accurate and true to the best of my knowledge.** |
| Signature of responsible official | Date of application |