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| **Please fill out a form for each stack or emission source** |
| **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. Brief emission point description:** (attach sketch if appropriate) |
|  |
| **4. Stack or emission point data:** |
| Height above grade (ft) | Diameter (ft) | Temperature (°F) | % time over 125 °F | Direction of exit (up, down, or horizontal) |
| Emission point location: | Latitude | Longitude | 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) |
| **5. 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 |  |  |  \*\* |  |  |  |  |
| Sulfur dioxide (SO2) |  |  | \*\*\* |  |  |  |  |
| Carbon monoxide (CO) |  |  | PPM |  |  |  |  |
| Volatile organic compounds (VOC) |  |  | PPM |  |  |  |  |
| Nitrogen oxides (NOX) |  |  | PPM |  |  |  |  |
| Lead (Pb) |  |  |  |  |  |  |  |
| Hydrogen fluoride (HF) |  |  |  |  |  |  |  |
| Hydrogen chloride (HCl) |  |  |  |  |  |  |  |
| Greenhouse gases (CO2 equivalents) |  |  |  |  |  |  |  |
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| **(Continued from last page)** |
| Air Contaminant | Actual Emissions | Emission Estimate Method Code\* | Control Devices\* | Control Efficiency (%) |
| Emissions (lbs/hr) | Concentration | Average Emissions (tons/yr) |
| Average | Maximum |
| Hazardous air pollutant (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: Process Emission Sources – grains/dry standard ft3 (70°F) and Fuel Burning Sources - lbs/Million BTU heat input\*\*\*Exit gas sulfur dioxide concentration units: Process Emission Sources – PPM by volume (dry basis) and Fuel Burning Sources - lbs/Million BTU heat input |
| **6. 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 (e.g., opacity, flow rate, temperature, pressure drop, etc.). |
| Check all attached monitoring and recording devices: | [ ]  No monitor [ ]  Opacity monitor [ ]  SO2 monitor [ ]  NOX monitor [ ]  Strip chart[ ]  Pressure drop gauge [ ]  Temperature gauge [ ]  Electronic data logger [ ]  Other (describe): |
| **7. Comments** |
|  |
| **8. 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 |