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| **Please fill out a form for each incinerator** |
| **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 | May-April-May | June-July-Aug | Sept-Oct-Nov |
|  |  |  |  |
| **5. Incinerator data:** |
| Incinerator manufacturer | Model number | Date constructed or last modified |
| Type of waste burned(Use code from table on page 3 of this form) | Charge rate (lbs/hr) | Tons burned per year |
| Average | Design |
|  |  |  |
| Incinerator type: [ ]  Single chamber [ ]  Multi-chamber [ ]  Refractory lined [ ]  Auxiliary burners |
| Burner capacity (BTU/hr) | Air flow (ft3/min) | Does unit have controlled or starved air?[ ]  Yes [ ]  No |
| Primary | Secondary/Afterburner | Overfire | Underfire |
| **6. Auxiliary 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 |  |  |  |
| Liquid Propane | 103 gal | gal | gal |  |  | 91,500 BTU/gal |
| Other (Specify type & units) |  |  |  |  |  |  |
| Other (Specify type & units) |  |  |  |  |  |  |

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| **7. Exhaust stack data:** |
| Height above grade (ft) | Diameter (ft) | Temperature (°F) | 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) |
| **8. 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†† |  |  |  |  |
| Lead (Pb) |  |  |  |  |  |  |  |
| Hydrogen fluoride (HF) |  |  |  |  |  |  |  |
| Hydrogen chloride (HCl) |  |  |  |  |  |  |  |
| Greenhouse gases (CO2 equivalents) |  |  |  |  |  |  |  |
| Hazardous air pollutant (specify) |  |  |  |  |  |  |  |
| Hazardous air pollutant (specify) |  |  |  |  |  |  |  |
| Other (specify) |  |  |  |  |  |  |  |
| Other (specify) |  |  |  |  |  |  |  |
| \* Refer to APC-1 Form: General Information for tables of estimation method and control device codes\*\* A valid stack test of particulate matter emissions from the manufacturer shall be included with the application† Exit gas particulate matter concentration units: grains/dry standard ft3 (70°F)†† Exit gas concentration units: Parts per million by volume (dry basis) |
| **9. 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, temperature, etc.). |
| Check all attached monitoring and recording devices: | [ ]  No monitor [ ]  Opacity monitor [ ]  Temperature gauge [ ]  Electronic data logger[ ]  Strip chart [ ]  Other (describe):  |
| **10. Comments** |
|  |
| **11. 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 |

**Table of Codes for “Type of Waste Burned”**

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| **Principle Components, Usual Sources and Typical Moisture Content** |
| Highly combustible waste, paper, wood, and cardboard cartons (including up to 10% treated papers, plastic, or rubber scraps) from commercial and industrial sources, 10% moisture | 0 |
| Combustible waste, paper, cartons, rags, wood scraps, and combustible floor sweepings from domestic, commercial, and industrial sources, 25% moisture | 1 |
| Rubbish and garbage from residential sources, 50% moisture | 2 |
| Predominately animal and vegetable waste from restaurants, hotels, markets, institutional, commercial, and club sources, 70% moisture | 3 |
| Carcasses, organs, and solid organic wastes from hospitals, laboratories, slaughterhouses, animal pounds, and similar sources, 85% moisture | 4 |
| Gaseous and semi-liquid industrial process waste, variable moisture (describe in detail under comments)  | 5 |
| Solid and semi-solid industrial process waste, variable moisture (describe in detail under comments) | 6 |