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| **Please fill out a form for each oven** |
| **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. Describe articles processed:** |
|  |
| **4. Operating schedule:** |
| Hours per day | Days per week | Weeks per year | Days per year |
|  |  |  |  |
| **5. 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 |
|  |  |  |  |
| **6. Oven data:** |
| Oven manufacturer | Model number | Date constructed or last modified |
| Method of heating: [ ]  Direct fire [ ]  Indirect fire [ ]  Electric [ ]  Steam [ ]  Other (describe): |
| Type of operation: [ ]  Continuous[ ]  Batch | Normal batch time | Average batches per day | Maximum batches per day | Burner rated input capacity (106 BTU/hr) |
| What other equipment is used in conjunction with this oven? |
| **7. Process material inputs and in-process solid fuels:** (if the oven is part of a paint, varnish or lacquer operation or part of a process source for which an APC-2 Form: Process or Fuel Burning Source has been completed, this item may be left blank) |
| Process material input or in-process solid fuel | Diagram reference\* | Input rates (lbs/hour) |
| Average | Maximum |
| A. |  |  |  |
| B. |  |  |  |
| C. |  |  |  |
| D. |  |  |  |
| E. |  |  |  |
| F. |  |  |  |
| Totals |  |  |
| **\*** A simple process flow diagram must be attached |

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| **8. Exhaust stack data:** (complete for each vent/stack and attach additional sheets if necessary) |
| Height above grade (ft) | Diameter (ft) | Temperature (oF) | Direction of Exit (up, down, or horizontal) | Distance to nearest property line (ft) |
| Data at exit conditions: | Flow (actual ft3/min) | Velocity (ft/sec) | Moisture (grains/ft3­­) | Moisture (percent) |
| Emission units that share this stack: |
| **9. Oven fuel data**: (complete for direct and indirect heated ovens, leave blank for electric or steam heated ovens) |
| 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) |  |  |  |  |  |  |
| **10. Air contaminants:** (if the oven is part of a paint, varnish or lacquer operation, this item should be left blank) |
| 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 Contaminants | 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) |  |  |  |  |  |  |  |
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| **(Continued from last page)** |
| Air Contaminants | Actual Emissions | Emission Estimate Method Code\*\* | Control Devices\*\* | Control Efficiency (%) |
| Emissions (lbs/hr) | Concentration | Average Emissions (tons/yr) |
| Average | Maximum |
| 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 |
| †Exit gas particulate matter concentration units: grains/dry standard ft3 (70°F) |
| **11. 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 (temperature, pressure drop, etc.). |
| Check all attached monitoring and recording devices: | [ ]  No monitor [ ]  Pressure drop gauge [ ]  Temperature gauge [ ]  Electronic data logger[ ]  Strip chart [ ]  Other (describe): |
| **12. Comments** |
|  |
| **13. 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 |