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| **Department of Natural Resources and Environmental Control**  **Division of Air Quality**  **PERMIT APPLICATION** | | **AQM-1001C** | |
| **INCINERATORS AND/OR WASTE BURNERS** | |
| EMISSION POINT NUMBER:  This section *must* be completed for any apparatus used to ignite and burn solid, liquid or gaseous combustible wastes. Items 1, 2, 3 and 4 are design criteria on the incinerator manufacturer’s nameplate. The nameplate should be in a conspicuous place on the incinerator. | | | |
| 1. MANUFACTURER’S NAME or Description: | | | |
| 2. RATED CAPACITY:       pounds per hour       tons per year | | | |
| 3. TYPE OF WASTE (*Brief description*): | | | |
| 4. TYPE: | | | |
| 5. ARE INSTRUCTIONS FOR THE OPERATION OF THE INCINERATOR POSTED IN A CONSPICUOUS PLACE NEAR THE INCINERATOR? | | | |
| 6. MAXIMUM QUANTITY OF WASTE BURNED         If “other” was selected, specify: | | | |
| 7. MAXIMUM OPERATING SCHEDULE:        hours per day       days per week       weeks per year  Other (specify): | | | |
| 8. TYPE OF WASTE BURNED | PERCENT BY VOLUME | | PERCENT BY WEIGHT |
| Paper | % | | % |
| Cardboard | % | | % |
| Wood | % | | % |
| Plastic (indicate chemical composition) | % | | % |
| Rubber (indicate chemical composition) | % | | % |
| Garbage | % | | % |
| Pathological Waste | % | | % |
| Gaseous, Liquid or Semi-Liquid wastes (attach certified laboratory analysis of composition)\* | % | | % |
| Infectious Waste | % | | % |
| Incombustibles | % | | % |
| Other (specify) | % | | % |
| 9. PLAN OF THE UNIT – MANUFACTURER’S DRAWING OR DRAWING CLEARLY ILLUSTRATING ALL DIMENSIONS AND CONSTRUCTION DETAILS | | | |

\* Complete Chemical Composition

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| **AQM-1001C** |
| ***Continued*** |
| 10. COMBUSTION AIR:  (a) Draft:  Pressure:       inches of water  (b) Air Distribution:       Overfire       Underfire       Secondary  Number of Ports:    Port Size:       square inches    Air Flow:       standard cubic feet per minute at 68 °F | |
| 11. STACK:  (a) Inside Diameter:       inches  (b) Height above grates to top of stack:       feet  (c) Height of stack above any building or obstacle within 25 feet of the incinerator:       feet  (d) Spark Arrestor: Height:       inches Screening Openings:       inches  (e) Stack Shell:  Type of material and thickness:  Type of refractory, thickness and temperature rating: | |
| 12. AUXILIARY EQUIPMENT:  (a) Damper:  (b) Primary Burner (combustion chamber):  Fuel:  BTU/hr rating:  (c) Secondary Burner:  Fuel:  BTU/hr rating:  (d) Other (Specify): | |
| 13. CONTROL EQUIPMENT: (Complete Form AQM-1001K for each Pollution Control Device)  (a) Afterburner on stack exit Type:  (b) Scrubber Type:  (c) Other (specify): | |
| 14. REGULATION COMPLIANCE  (a) Have stack tests been performed on the unit?  (b) Are the results of the stack tests enclosed and made a part of this permit application?  (c) Are the results of the stack tests on file in the Division Office? | |

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