

AIR EMISSION CHECKLIST

Internal Combustion Engines

- 1) Submitted By
Name: _____ Date: _____
Title: _____ Phone: (____) _____
- 2) Facility Name and Project #: _____
Address: _____
- 3) Unit Number: _____
- 4) Engine Type: _____ Reciprocating / Turbine / Other: _____
- 5) Manufacturer: _____
Model Number: _____ EPA Emission Tier: _____
- 6) Installation Date: _____ Construction Start Date: _____
[Removal Date for Existing Engines: _____ *See Question 14*]
- 7) Fuel Type: _____
Rated Fuel Consumption: _____ gallons/hour or cubic feet/hour
- 8) Engine is Used For: _____ Emergency use only / Peak shaving
Engine Drives: _____ Electric generator / Other mechanical equipment
Rated electrical output: _____ kW
Rated mechanical output: _____ hp @ _____ rpm
- 9) Stack/Exhaust Exits: Stacks must discharge vertically
Stack/Exhaust Exit No: _____
Height: _____ feet above grade
Inside Dimension(s): _____ feet diameter or _____ feet x _____ feet
Exhaust Gas Flow: _____ acfm @ _____ degrees F
- 10) If diesel engine, will a tank be installed? Yes No What size tank? _____ gallons

What are the dimensions of the tank?

Installed underground or within building?

Additional Information Requested

11) A site plan that indicates the relative position of the discharge stack on the building, as well as any nearby offsite buildings, property lines or fences. All building and stack heights also need to be indicated.

12) Any form of metering available (hourly or fuel) that will allow ongoing reporting of operation to MPCA.

13) If the unit is already in service, fuel consumption in gallons or cubic feet per year for each of the last two years based on operating hours and rated fuel consumption, or readings from a fuel monitoring gauge.

14) Are any units being replaced or removed as part of this project? If yes, **please complete a second form**, which indicates the planned removal date in question 6 as well as all other checklist information.

Notes

Item 3 - Unit number refers to any established code by which the equipment is referred to in plans or specifications. If none, leave blank.

Item 9 - Exhaust gas flow is in actual cubic feet per minute (acfm) at the designated temperature in degrees Fahrenheit. Stack/exhaust exit number refers to any established code by which the stack is referred to on plans or specifications. If none, leave blank.

Please Return To:

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End of Appendix HH - Part 3 - New Processes and Equipment that may Require Air Permits

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Department of Environmental Health & Safety
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