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: __ aacfm @ __________ 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
University of Minnesota Facilities Management and
Department of Environmental Health & Safety
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