

AMHERST COLLEGE

EMERGENCY ENGINE or TURBINE CERTIFICATION FORM for MASSACHUSETTS DEPARTMENT OF ENVIRONMENTAL PROTECTION

Please complete the following application form for any new emergency engine or turbine, ≥ 37 Kw being installed at or for Amherst College, as required by the Massachusetts Department of Environmental Protection (MADEP), 310 CMR 7.26(42). This form, and the Certificate of Conformity for the specific generator being installed should then be provided to the EH&S office in order to complete the Installation Compliance Certification for New Emergency Engines and Turbines. If you have any questions, please contact the Environmental Health & Safety Director.

Engine / Turbine / Genset Information

	Engine / Turbine	Genset
Manufacturer of Unit	_____	_____
Model #	_____	_____
Serial #	_____	_____
Rated Power Output (Engine or Turbine)	_____	Not Applicable
Electrical Output (kW)	Not Applicable	_____
Installation Date	___ / ___ / ___	___ / ___ / ___
EPA Certificate # for Unit (Oil Fired Only)	_____	_____
Date of Operation Commencement	___ / ___ / ___	___ / ___ / ___

Compliance Information

- | | | | |
|---|---------------|--------------------|--|
| 1. Is the New Unit an Emergency Generator | Y | N | If <u>Yes</u> go to question #3 |
| 2. Is the New Unit an Emergency Turbine | Y | N | |
| 3. Primary fuel Source | Diesel | Natural Gas | Propane |
| 4. Fuel Tank Size | _____ gallons | | |
| 5. Maximum Run-Time of the Unit (diesel fuel only) | _____ hours | | |
| 6. Unit equipped with Non Turn-Back Hour Counter | Y | N | |
| 7. Exhaust Stack is <u>Vertical</u> w/o cap restriction | Y | N | |
| 8. Exhaust Stack away from Openings /Pedestrian Ways | Y | N | |
| 9. Exhaust Stack meets height requirements (Ground/Roof) | Y | N | 5' for <300kW, or 10' for 300 to 999kW |
| 10. If > 1MW is the stack $\geq 1.5x$ Height of Building? | Y | N | |
| • If not, was an EPA Dispersion Analysis done | Y | N | |

For Emergency Engines with Diesel fuel, we are required to attach statement from the supplier that the Engine has been issued a **Certificate of Conformity** from the EPA (40 CFR 89.105)

For Emergency Engines with Gas, we are required to attach statement from the supplier that the Engine meets the non-road emission limitations that will satisfy the **Certificate of Conformity** requirement at the time of installation and is capable of compliance with emission limitation for the first 3 years of operation.

For Emergency Turbines using any fuel, we must attach the statement that the unit meets the emission limit for NOx (0.60 lbs/ MW-hour).