

4. EMISSION POINT/STACK INFORMATION Check here if the engine has more than one stack or has a continuous pollutant emission monitor and repeat this section for each.

Emission point number # _____ (If unknown leave blank) New Existing
 Stack outlet height from ground level (ft) _____
 Diameter of stack outlet (inches) _____ or Outlet cross-section area (square inches) _____
 Direction of outlet (check one) Horizontal Vertical End of outlet (check one) Open/hinged flap Rain cap
 Exhaust rate at typical operation (acfm) _____ Exhaust temperature at typical operation (°F) _____

5. AIR TOXIC ASSESSMENT INFORMATION.

Distance from engine to the property line of the nearest residence (ft) _____ or (check if) Greater than one mile
 Distance from engine to the property line of the nearest school¹ (ft) _____ or (check if) Greater than 1000 ft
 Describe the nearest non-residential, non-school site (check one) Industrial Commercial Hospital
 Day care center Other _____
 Distance from engine to the property line of the nearest non-residential, non-school site(ft) _____ or Greater than one mile
 1. K-12 and more than twelve children only.

6. FUEL DATA Complete the table below for each fuel burned. If you are using a fuel other than those listed in the fuel table, attach a **fuel analysis** indicating the higher heating value, sulfur content, and nitrogen content. Please clearly indicate the measurement unit that corresponds to the information you are submitting. Check here if you are using more than two fuels, and attach a copy of this page listing the additional fuels.

Primary Fuel					Secondary Fuel				
Fuel ¹ _____ Name _____					Fuel ¹ _____ Name _____				
Maximum Fuel Use Rate ² _____ gal/hr or SCF/hr					Maximum Fuel Use Rate ² _____ gal/hr or SCF/hr				
Annual Fuel Usage ³ _____ gal/yr or therm/yr or SCF/yr					Annual Fuel Usage ³ _____ gal/yr or therm/yr or SCF/yr				
Typical Heat Content ⁴ _____ BTU/gal or BTU/SCF					Typical Heat Content ⁴ _____ BTU/gal or BTU/SCF				
Sulfur Content ⁴ _____ wt% liquids or ppmv gases					Sulfur Content ⁴ _____ wt% liquids or ppmv gases				
Emission Factors (Optional)					Emission Factors (Optional)				
Pollutant Name	Emission Factor	Units ⁵	Basis Code ⁶	Control Factor (✓) ⁷	Pollutant Name	Emission Factor	Units ⁵	Basis Code ⁶	Control Factor (✓) ⁷
Particulates				<input type="checkbox"/>	Particulates				<input type="checkbox"/>
Organics				<input type="checkbox"/>	Organics				<input type="checkbox"/>
Nitrogen Oxides				<input type="checkbox"/>	Nitrogen Oxides				<input type="checkbox"/>
Carbon Monoxide				<input type="checkbox"/>	Carbon Monoxide				<input type="checkbox"/>
Others – <input type="checkbox"/> Check here and attach a separate list under each fuel used.					Others – <input type="checkbox"/> Check here and attach a separate list under each fuel used.				

- Fuel Table:** Diesel Bio Diesel B100 Bio Diesel B20 Blend Gasoline
 Natural Gas Landfill Gas Digester Gas Liquid Petroleum Gas (LPG)
- Maximum fuel use rate units: gallon/hr for liquid fuels and SCF/hr for gaseous fuels. (SCF =Standard Cubic Foot)
- The annual fuel usage is the actual or projected engine fuel consumption over a rolling 12-month time period. Annual usage units: gallons for liquid fuel, therms for natural gas, and SCF for other gaseous fuels. (therm = 100,000 BTUs, BTU =British Thermal Unit)
- If you are using diesel, natural gas, or gasoline, you may skip this entry. Heat content units: BTU/gallon for liquid fuels, BTU/SCF for gaseous fuels. Sulfur content units: weight % for liquid fuels, ppmv for gaseous fuels. (ppmv = parts per million by volume)
- Emission factors may be reported as gram/brakehp-hr, or as lb per gallon, or as lb per therm, or as lb per SCF.
- See the Control Efficiency/Emission Factor Basis Code table under Section 3 on page 1 of this form.
- Place a check in this column if the emission factor applies to emissions after an add-on control device.

7. CERTIFICATION I hereby certify that all information contained herein is true and correct. (Please sign and date this form)

 Name of person certifying (print) Title of person certifying Signature of person certifying Date
 Phone Number: _____ Email: _____