

SUPPLEMENTAL INFORMATION INTERNAL COMBUSTION ENGINES

Fill out the attached form including the following information and submit with your application for an Authority to Construct.

1. EQUIPMENT LOCATION DRAWING - The drawing or sketch submitted must show the following:

- a. The property involved and outlines of all buildings. Identify property lines plainly.
- b. Location and identification of the internal combustion engine on the property.
- c. Location of stack.
- d. Exhaust Stack Geometry (shape, diameter, height above ground level of the exhaust exit point, and the direction of exhaust flow)
- e. Location of the property with respect to streets and all adjacent properties. Identify adjacent properties.

2. ESTIMATE OF EMISSIONS

- a. Provide estimates of pollutant concentrations and mass emission rates for pollutants listed in c. below.
- b. Provide manufacturer exhaust emissions data sheet (if available).
- c. State any combustion modifications or control devices employed to reduce emissions. State estimated reduction.
- d. Best Available Control Technology (BACT) is required if the potential to emit exceeds one or more of the following limitations on a daily basis:

Particulate Matter (PM-10)	80 lb/day
Nitrogen Oxides	25 lb/day
Sulfur Oxides	80 lb/day
Reactive Organic Compounds	25 lb/day
Carbon Monoxide	500 lb/day

3. ADDITIONAL INFORMATION

- a. Complete page 2.

After an Authority to Construct is granted, alterations or modification of the engine is not permissible without first securing approval for the changes from the Air Pollution Control Officer.

Further information or clarification concerning permits call (530) 891-2882.

INTERNAL COMBUSTION ENGINE SUMMARY

1. COMPANY NAME _____
2. ENGINE MANUFACTURER & MODEL NUMBER _____
3. RATED BRAKE HORSEPOWER (BHP) _____
4. IDENTIFICATION/SERIAL NUMBER _____
5. TOTAL DISPLACEMENT _____ CUBIC INCHES
6. DATE THE ENGINE WAS MANUFACTURED (IF KNOWN) _____
7. PROPOSED/DATE OF INSTALLATION _____
8. FUEL TYPE _____
9. FUEL USAGE RATE _____ GALLONS/HOUR
10. FUEL STORAGE TANK CAPACITY AND LOCATION _____
(above or under ground)
11. NORMAL OPERATING SCHEDULE _____ HOURS/DAY
_____ DAYS/WEEK
_____ WEEKS/YEAR
12. DESCRIBE PERIODIC MAINTENANCE PROCEDURES USED TO ENSURE THAT EMISSIONS WILL BE MINIMIZED.

13. TYPE OF EQUIPMENT DRIVEN BY THIS ENGINE
 - COMPRESSOR
 - ELECTRIC GENERATOR
 - PUMP
 - DRILL