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) 332-9400.
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