



BENTON CLEAN AIR AGENCY

NOTICE OF CONSTRUCTION AND APPLICATION FOR APPROVAL FOR INSTALLATION / MODIFICATION OF AN AIR POLLUTION SOURCE

Boiler and Heating Unit

For Agency Use Only

Fee Recd: _____

NOC #: _____

1. General Information

| | |
|---|---|
| Owner / Operator: _____ Business Name: _____ Business Address _____ | Applicant Name: _____ Applicant Address _____ |
| Contact Person: _____ Phone: _____ Fax: _____ E-mail: _____ | Contact Person: _____ Phone: _____ Fax: _____ E-mail: _____ |

2. Installation Information

| | |
|---|---|
| Installer Company Name: _____ Installation Address _____ | Installer Address _____ |
| Contact Person: _____ Phone: _____ Fax: _____ | Contact Person: _____ Phone: _____ Fax: _____ E-mail: _____ |
| Type of business: <input type="checkbox"/> New <input type="checkbox"/> Existing Facility registered with BCAA? <input type="checkbox"/> Yes <input type="checkbox"/> No | Nature of business: _____ Estimated completion date: _____ |

3. Boiler/Heating Unit being Installed or Modified

| | |
|---|--|
| Description of Boiler(s) or Heating unit(s): (make, model number etc) | |
| Description of Burner(s): (make, model number etc) | |
| Number of units being installed/modified: _____ | Status of Unit: <input type="checkbox"/> New <input type="checkbox"/> Used <input type="checkbox"/> Existing |
| Fuel(s) burned: _____ | Rated Capacity of unit: _____ MMBTU |
| Maximum Fuel Rate: _____ | Type of boiler: <input type="checkbox"/> Fire tube <input type="checkbox"/> Water tube |

Manufacturer's guaranteed emission rate @ 3% O₂

| CO (ppmv) | NO _x (ppmv) | SO _x (ppmv) | HC (ppmv) | PM ₁₀ (lbs/MMBtu) | PM _{2.5} (lbs/MMBtu) |
|--------------|---------------------------|---------------------------|--------------|---------------------------------|----------------------------------|
| | | | | | |

Will NO_x controls be installed? Yes No
 If Yes, which type of control is installed? Low NO_x burners Flue gas recirculation Staged gas combustion
 Other _____
 Is unit equipped with low excess air (O₂) meter? Yes No

4. Boiler/Heater Unit Exhaust Stack Information

| | | | |
|---|------------------|-----------------------|---------------------------|
| Stack ground height (ft) | Flow Rate (scfm) | Exit Temperature (°F) | Internal Stack Diam. (ft) |
| How does the exhaust exit the stack? <input type="checkbox"/> Vertical <input type="checkbox"/> Horizontal <input type="checkbox"/> Other _____ | | | |
| Will a stack cap or rain guard be installed? <input type="checkbox"/> Yes <input type="checkbox"/> No (if yes, submit a design drawing) | | | |

5. Operation Information for Boiler/Heater Unit

| | | |
|--|--|-------------------------------|
| Daily Operating Hours from _____ to _____ | Days of Operation <input type="checkbox"/> Su <input type="checkbox"/> M <input type="checkbox"/> T <input type="checkbox"/> W <input type="checkbox"/> Th <input type="checkbox"/> F <input type="checkbox"/> Sa | Weeks of Operation (per year) |
|--|--|-------------------------------|

6. Modeling Information

Distance from stack to nearest property line (ft)

Describe any dispersion modeling that has been done for this stack. Attach report or modeling results.

7. Other Information

- Plot plan showing the entire facility, buildings within 200 ft of proposed installation/modification, including cross streets, property lines, and location of the proposed unit. (REQUIRED)
- Flow diagram of the process (REQUIRED)
- Environmental Checklist (SEPA) or DNS (REQUIRED) SEPA Date _____ or DNS Date _____
Agency issuing Environmental Determination _____
- Any emissions information, including particulate, NO_x, SO₂, CO, VOCs, lead, or toxics. (IF AVAILABLE)
Note: if no emissions information is available, a combustion analysis and/or a source test may be required.
- Manufacturer and/or vendor information on process and air pollution control equipment being installed or modified (IF AVAILABLE)

8. Owner, Operator, or Responsible Agent Signature

I hereby certify that the information contained in this application, including any attached supplemental information, is to the best of my knowledge complete and correct.

Signature Date

Printed Name Phone Number