



## **24-110 – Variances for Cooking Equipment (Cook Stove)**

Submit this information on your company's letterhead and attach the DEP registrations for the pieces of equipment for which you are seeking a variance. Please submit any supporting documentation that would be helpful for the Department to review when evaluating your variance application.

### **Section of Air Code Variance: 24-149.5 Cook Stoves (c) (existing Cook Stove)**

“No person shall use an existing cook stove unless such cook stove is in compliance by January 1, 2020, with the requirements for control systems established by the commissioner pursuant to subdivision (b).”

#### **1. Reason for Variance Request:**

- What is the purpose of using solid fuel (wood or coal)?
- Explain why complying with Section 24-149.5 of the Air Code to install a pollution control device to reduce particulate matter from solid fuel cooking emissions would impose an unreasonable hardship.

#### **2. Description of Cooking Equipment:**

Provide a description of the operation, including the following information for each piece of equipment for which a variance is sought:

- Provide Application ID of each piece of cooking equipment. The Application ID can be found on the DEP registration.
- Provide the oven volume capacity in cubic feet or surface area of the grill in square feet.
- During which months of the year will each piece of equipment be in operation, and how many days per month?
- How many total days per year will each piece of equipment be in operation?
- How many hours per day will each piece of equipment be in operation?
- Indicate whether the solid fuel is used in combination with natural gas or if only solid fuel is used in each piece of equipment.
- Specify the type of fuel wood and/or coal used in each piece of equipment. Include the dimensions (length, width, height) and weight (in pounds) of each log of wood and weight (in pounds) of a bag of coal, if applicable. If it is a combination, provide specifics for each solid fuel source.
- How many logs of wood/ bags of coal are used per day in each piece of equipment?
- How many logs of wood/ bags of coal are used per hour in each piece of equipment?

**3. Test Data Available:**

- Do you have test data to establish the emission level without controls?
- If you have a pollution control device (a/k/a emission control device), what is the % reduction of particulate matter (PM)?
- Please attach a summary of the test results and lab test report.

**If test results with or without a pollution control device show that emissions of PM are below 10mg/m<sup>3</sup>, proceed to Owner Affirmation. If not, please complete #4.**

**4. Information, as applicable:**

- **Cost to Comply:** What are the capital, installation, and annual maintenance costs for pollution control devices (like wet scrubbers, electrostatic precipitators or pollution control hoods)? Attach supporting documentation.
- **Structural Limitations:** Could the building accommodate the necessary ductwork, ventilation systems, or clearance requirements for pollution control devices, without extensive renovation? Attach supporting documentation.
- **Technical Incompatibility:** Are there any compatibility issues between your cooking equipment and modern pollution control units. Attach supporting documentation.
- **Other:** Are there unique circumstances or conditions associated with your operation that relate to your request for a variance? Attach supporting documentation.

**Owner Affirmation**

I affirm that all submitted information is true, accurate, and complete.

Signature \_\_\_\_\_  
\_\_\_\_\_  
(type name and title here)

Date: \_\_\_\_\_