**PLEASE DO NOT SEND A COPY OF THE INSTRUCTIONS IN WITH YOUR APPLICATION**

If you have any questions while filling out the Operating Ranges Form, please contact the Bureau of Air Quality, Air Permitting Division by calling (803) 898-4123.

Submit to:

Air Permitting Division Director

Bureau of Air Quality

2600 Bull Street

Columbia, South Carolina, 29201

**Control Device**

* *Control Device ID:* Each control device should have its own unique ID for air permitting purposes. The Control Device ID can be found in the permit and should be carried throughout the application whenever the Control Device ID is requested.
* *Control Device Type:* Include the Control Device Type (e.g. Baghouse, ESP, Thermal Oxidizer, Flare, Wet Scrubber, etc.).
* *Applicable Regulation/Standard/Permit Condition:* Include the applicable regulation, standard, and/or permit condition that is requiring the ranges to be submitted. The permit number, issued date, and condition number can be listed in place of the entire condition.

**Control Device Ranges**

* *Action (Modify Existing Ranges, Add Ranges for New Control Device, Permit Renewal):* The “Action” that is checked should indicate what you are requesting. At permit renewal, all ranges should be submitted for approval.
* *Pollutants Controlled:* List all of the pollutants controlled by this specific control device. Include the Chemical Abstract Service Number (CAS #) for all of the Toxic Air Pollutants and/or Hazardous Air Pollutants controlled by this control device.
* *Pollutant(s)/ Parameter(s) Monitored:* Identify which pollutant and/or parameter is to be monitored. (e.g. Particulate Matter, Opacity, pressure drop, flow rate, etc.)
* *Type of Monitoring System:* List the type of monitoring system. (e.g. continuous opacity monitor (COM), continuous emissions monitor (CEM), parametric, etc.)
* *Operational Range(s):* Enter the minimum value, maximum value, range or condition that establishes the boundaries that indicates proper operation of the control device.

| **FACILITY IDENTIFICATION** | |
| --- | --- |
| SC Air Permit Number (8-digits only)       - | Application Date |
| Facility Name  *(This should be the name used to identify the facility at the physical location)* | |

| **CONTROL DEVICE** | | |
| --- | --- | --- |
| **Control Device ID** | **Control Device Type** | **Applicable Regulation / Standard / Permit Condition** |
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| **CONTROL DEVICE RANGES** | | | | | |
| --- | --- | --- | --- | --- | --- |
| **Action**  Modify Existing Ranges  Add Ranges for New Control Device  Permit Renewal | | | | | |
| **Control Device ID** | **Pollutant(s) Controlled** | **Pollutant / Parameter Monitored** | **Type of Monitoring System** | **Operational Range(s)** | **Method of Range Determination\*** |
|  |  |  |  |  |  |
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*\*Method of Range Determination:* Explain the basis for how the operational ranges were determined. Operational ranges typically are derived from vendor certification, source test data, operational history, or engineering calculations. Other methods may be used to establish operational ranges but approval will be on a case by case basis. The permit may require a specific method for determining the range. For example, a minimum operating temperature may be established based on the latest compliant stack test. Be as detailed as possible in the explanation. If engineering calculations are cited, please include the calculations and justification. If using historical operating data, summarize the data as succinctly as possible; include operating ranges under normal operating conditions and a justification for any request to change the range outside that historical normal operating range.