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

The South Carolina Department of Health and Environmental Control may modify the Title V Operating Permit through the 502(b)(10) permit change process described in S. C. Regulation 61-62.70.7(e). The owner or operator must apply for a 502(b)(10) permit change in writing by submitting this form. The information provided in this form will describe the 502(b)(10) permit change, provide the reasons for change, identify construction permits that are to be incorporated into the Title V Operating Permit, and project the increase or decrease in actual emissions after the change.

If you have any questions while filling out the Title V Operating Permit Application – 502(b)(10) form, please contact the Bureau of Air Quality, Engineering Services Division by calling (803) 898-4123. Submit completed request form to:

**Engineering Services Division Director**

**Bureau of Air Quality**

**2600 Bull Street**

**Columbia, South Carolina, 29201**

**Chief, Air Planning Branch**

**U.S. Environmental Protection Agency, Region 4**

**Sam Nunn Atlanta Federal Center, 61 Forsyth Street, SW**

**Atlanta, GA 30303-8960**

Additional tables or rows may be added to this form as needed by selecting the **“unprotect document”** or **“stop protection”** function. The location and use of this function varies depending on your version of Word. The forms **“protect document”** tool should then be reselected so that you may resume navigating through the forms with the “tab” key.

**502(b)(10) Permit Change Description**

*Anticipated Date of Change:* Please provide a date upon which this 502(b)(10) permit change is anticipated to be in effect.

*Description of the change:* Provide a description of the modifications being made, how this 502(b)(10) permit change will change the equipment, process, and/or facility wide emissions, and any new or anticipated changes to applicable requirements.

*Explain in detail why this change does not constitute a Title I modification*.

*Explain why this operational flexibility change does not exceed any allowable emission rate. Explain why this change does not violate any applicable requirements or contravene any federally enforceable permit terms or conditions pertaining to monitoring (including test methods), recordkeeping, reporting or compliance certification requirements.*

**Certification of Construction**

This form must be postmarked within 15 days after actual date of initial startup of each new or altered source.

*Construction Permit ID:* Provide the construction permit ID (e.g. CA, CB, etc.) that was assigned by the Bureau of Air Quality for the construction permit that authorized the construction of the equipment, processes, and/or control devices that have been placed into operation.

*Equipment ID / Process ID / Control Device ID:* Identify all of the equipment, processes, and/or control devices as listed in the original construction permit that have been placed into operation. If there are hundreds of IDs, it is acceptable to list the process ID, versus listing each piece of equipment.

"All Sources" may be designated in this form if all of the equipment, processes, and/or control devices, as listed in the original construction permit, have been placed into operation. Otherwise, the form will be filled out and submitted each time any equipment, process, and/or control device, listed in the original construction permit, has been placed into operation

*Equipment / Process / Control Device Description:* Provide a brief description of the equipment, processes, and/or control devices as listed in the original construction permit that has been placed into operation. Include the Make and Model if applicable.

*Initial Start-up Date:* Provide the date on which the equipment, processes, and/or control devices were placed into operation.

If a specific NSPS or NESHAP is applicable to the equipment, processes, and/or control devices that have been placed into operation, please refer to the start-up definition listed in the NSPS or NESHAP. In all other circumstances, start-up will be defined as setting a piece of equipment in operation; which will include testing of equipment.

**Projected Change in Emissions Facility Wide**

*Pollutant Name:* List all pollutants emitted from all emission units, equipment, and process throughout the facility that are projected to increase or decrease when the 502(b)(10) permit change occurs.

All Hazardous Air Pollutants (HAP), Toxic Air Pollutants (TAP), or 112(r) pollutants emitted need to be listed. In addition to listing each individual Volatile Organic Compound (VOC), "Total VOC" should be listed as a separate line item in this table. Be sure to include particulate matter with an aerodynamic diameter of less than or equal to 2.5 micrometers (PM2.5) and Greenhouse Gas (GHG) emissions.

*CAS Number:* If applicable, include the Chemical Abstract Service Number (CAS #) for all of the Toxic Air Pollutants and/or Hazardous Air Pollutants.

*Actual Emissions Facility Wide Prior to the Change:* The actual emissions facility wide should be given in tons per year (TPY).

 *Uncontrolled:* The uncontrolled emissions facility wide prior to the 502(b)(10) permit change.

 *Controlled:* The controlled emissions facility wide prior to the 502(b)(10) permit change.

*Projected Actual Emissions Facility Wide After the Change:* Project the actual emissions facility wide after the 502(b)(10) permit change occurs.

 *Uncontrolled:* The uncontrolled emissions facility wide after the 502(b)(10) permit change.

 *Controlled:* The controlled emissions facility wide after the 502(b)(10) permit change.

*Projected Increase or Decrease in Actual Emissions:* Project the increase or decrease in actual emissions facility wide given in positive or negative tons per year (+/- TPY).

 *Uncontrolled:* The estimated increase or decrease in uncontrolled emissions facility wide (+/- TPY).

 *Controlled:* The estimated increase or decrease in controlled emissions facility wide (+/- TPY).

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

| **502(b)(10) PERMIT CHANGE DESCRIPTION** |
| --- |
| Anticipated Date of Change:       |
| Description of the change:       |
| Explain in detail why this change does not constitute a Title I modification:       |
| Explain why this operational flexibility change does not exceed any allowable emission rate. Explain why this change does not violate any applicable requirements or contravene any federally enforceable permit terms or conditions pertaining to monitoring (including test methods), recordkeeping, reporting or compliance certification requirements.:       |

| **CERTIFICATION OF CONSTRUCTION**(This form must be postmarked within 15 days after actual date of initial startup of each new or altered source.) |
| --- |
| **Construction Permit ID** | **Equipment/Process/Control Device ID** | **Equipment / Process / Control Device Description****(Include the Make and Model if applicable.)** | **Initial Start-up Date** |
|       |       |       |       |
|       |       |       |       |
|       |       |       |       |
| **SIGNATURE OF PERSON CERTIFYING CONSTRUCTION**(Signature of the individual, either the Responsible Official or Professional Engineer, who is certifying construction.) |
| I certify, to the best of my knowledge and belief, and as a result of periodic observation during construction, the construction has been completed in accordance with the specifications agreed upon in the construction permit(s) issued by the Department. I understand that any statements and/or descriptions, which are found to be incorrect, may result in the immediate revocation of any permit issued. |
|  |       |  |
| Signature | Date |  |

| **PROJECTED CHANGE IN EMISSIONS FACILITY WIDE**(Attach detailed calculations to support these projections.) |
| --- |
| Pollutant Name | CAS Number | Actual Emissions Facility Wide Prior to the Change(TPY) | Projected Actual Emissions Facility Wide After the Change(TPY) | Projected Increase or Decrease in Actual Emissions(+/- TPY) |
| Uncontrolled | Controlled | Uncontrolled | Controlled | Uncontrolled | Controlled |
|       |       |       |       |       |       |       |       |
|       |       |       |       |       |       |       |       |
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| **PROFESSIONAL ENGINEER IN CHARGE OF PROJECT***(Include if certifying construction in accordance with the specifications in the construction permit(s) issued by the Department)* |
| Consulting Firm Name:       |
| Title/Position:       | Salutation:       | First Name:       | Last Name:       |
| Mailing Address:       |
| City:       | State:       | Zip Code:       |
| E-mail Address:       | Phone No.:       | Cell No.:       |
| SC License/Registration No.:       |

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| **RESPONSIBLE OFFICIAL** |
| Title/Position:       | Salutation:       | First Name:       | Last Name:       |
| Mailing Address:       |
| City:       | State:       | Zip Code:       |
| E-mail Address:       | Phone No.:       | Cell No.:       |
| **RESPONSIBLE OFFICIAL SIGNATURE** |
| I certify, to the best of my knowledge and belief, that no applicable standards and/or regulations will be contravened or violated. I certify that any application form, report, or compliance certification submitted in this permit application is true, accurate, and complete based on information and belief formed after reasonable inquiry. I understand that any statements and/or descriptions which are found to be incorrect may result in the immediate revocation of any permit issued for this application. |
|  |       |
| Signature of Responsible Official | Date |