| FACILITY INFORMATION | | |
| --- | --- | --- |
| Submittal Date:   /  / | | |
| Facility Name: | | |
| S.C. Air Permit Number:      - | | |
| Physical Address: | | |
| City: | State: SC | Zip Code: |

| **AIR PERMIT CONTACT**  The air permit contact is the person that can answer questions about the application and equipment located at the facility. This is the person the permit shall be issued to and should be someone that is physically located at the facility, if possible. If the air permit contact is the same person as the Responsible Official (RO), then this section can be left blank. | | | | |
| --- | --- | --- | --- | --- |
| Salutation: | Contact Name: | Title/Position: | | |
| Mailing Address: | | | | |
| City: | | | State: | Zip Code: |
| Phone No.: (   )     - | | Email: | | |

| **RESPONSIBLE OFFICIAL (RO)** | | | | |
| --- | --- | --- | --- | --- |
| Salutation: | RO Name: | Title/Position: | | |
| Mailing Address: | | | | |
| City: | | | State: | Zip Code: |
| Phone No.: (   )     - | | Email: | | |

|  |  |
| --- | --- |
| **RESPONSIBLE OFFICIAL SIGNATURE** | |
| I certify that we meet the criteria established for this Registration Permit for Cotton Ginning Operations and agree to the conditions and terms of this Registration Permit for Cotton Ginning Operations. I certify, to the best of the 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 registration 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. | |
|  | |
| **Responsible Official Signature** | **Date** |

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| --- | --- | --- |
| **COTTON GIN INFORMATION** | | |
| Is the gin stand’s rated capacity greater than 20 bales per hour? | Yes | No |
| Does the facility produce more than 100,000 bales of ginned cotton per ginning season?  If yes, how many bales of cotton are produced per ginning season: | Yes | No |

| **Equipment:** For each equipment category, indicate the quantity. For equipment not located at the facility, indicate this by entering 0 in the quantity column. If the equipment is controlled by a 1D-3D or 2D-2D cyclone, indicate as such and provide the cyclone designation (i.e., C-1, C-2, etc.) in the space provided. For any piece of equipment that is not controlled by a 1D-3D or 2D-2D cyclone, specify how it is controlled in the space provided. Attach an additional sheet if necessary. | | | | |
| --- | --- | --- | --- | --- |
| Equipment | Quantity | Controlled by Cyclone? | | Other Control (Specify) |
| Unloading Fan |  | 1D-3D | 2D-2D |  |
| No. 1 Dryer and Cleaner |  | 1D-3D | 2D-2D |  |
| No. 2 Dryer and Cleaner |  | 1D-3D | 2D-2D |  |
| No. 3 Dryer and Cleaner |  | 1D-3D | 2D-2D |  |
| Overflow Fan |  | 1D-3D | 2D-2D |  |
| Lint Cleaner |  | 1D-3D | 2D-2D |  |
| Cyclone Robber System |  | 1D-3D | 2D-2D |  |
| Mote Fan |  | 1D-3D | 2D-2D |  |
| Mote Trash Fan |  | 1D-3D | 2D-2D |  |
| Battery Condenser |  | 1D-3D | 2D-2D |  |
| Master Trash Fan |  | 1D-3D | 2D-2D |  |
| Other: |  | 1D-3D | 2D-2D |  |

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| --- | --- | --- | --- | --- | --- |
| **Seed Cotton Dryers:** Complete the following information for each seed cotton dryer located at the facility. Indicate each dryer’s designation (i.e., D-1, D-2, etc.), primary and secondary fuel (if applicable), total rated heat input, and number and size of each burner (if applicable). Attach an additional sheet if necessary. | | | | | |
| Seed Cotton Dryer | Primary Fuel | Secondary Fuel,  If applicable | Total Rated Heat Input (106 BTU/hr) | Number of Burners | Size of Each Burner  (106 BTU/hr) |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

| **GRAIN HANDLING INFORMATION**  If the facility performs grain handling operations, answer the following questions. These questions will assist the Bureau in determining the facility’s eligibility for this registration permit. | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Does the facility process more than 2,250,000 bushels of grain per year?  If yes, indicate the facility’s annual processing rate:       US bushels | | | | | Yes | | No |
| Does the facility perform grain handling operations more than 4,000 hours per year?  If yes, indicate the facility’s annual operational hours:       hours of operation | | | | | Yes | | No |
|  | | | | | | | |
| **NSPS SUBPART DD – Standards of Performance for Grain Elevators** | | | | | | | |
| Does the permanent storage capacity of the grain elevator exceed 1,000,000 US bushels (35,200 m3)? | | | | | Yes | | No |
| Is the grain stored inside a building, bin, or silo? | | | | | Yes | | No |
| Was the affected facility constructed after August 3, 1978? | | | | | Yes | | No |
| Was the affected facility modified after August 3, 1978? | | | | | Yes | | No |
| Was the affected facility reconstructed after August 3, 1978? | | | | | Yes | | No |
|  | | | | | | | |
| **Grain Dryers:** Complete the following information for each grain dryer located at the facility. Indicate each dryer’s designation (i.e., G-1, G-2, etc.), primary and secondary fuel (if applicable), total rated heat input, and number and size of each burner (if applicable). Attach an additional sheet if necessary. | | | | | | | |
| Grain Dryer | Primary Fuel | Secondary Fuel,  if applicable | Total Rated Heat Input (106 BTU/hr) | Number of Burners | | Size of Each Burner  (106 BTU/hr) | |
|  |  |  |  |  | |  | |
|  |  |  |  |  | |  | |

Send one signed hardcopy of the registration permit application to:

**South Carolina Department of Health and Environmental Control**

**Bureau of Air Quality**

**Engineering Services Division**

**2600 Bull Street**

**Columbia, South Carolina, 29201**

All information requested on this form should be completely filled out, as applicable. If you have questions regarding this form please contact the BAQ at 803-898-4123. When calling, reference the application you are calling about (i.e. Registration Permit Application for Cotton Ginning Operations).

**Facility Information:**

* Submittal Date: Date the facility submits the application.
* Facility Name: The name under which the facility does business, which will be used on the permit.
* S.C. Air Permit Number: The current S.C. air permit number assigned to the facility by the Bureau of Air Quality, if applicable.
* Physical Address: The physical location of the facility (this address should be a street address, not a PO Box).
  + City: The city of the facility’s physical location.
  + Zip Code: The complete mailing zip code of the facility’s physical location.
* Business Mailing Address (if different): The business address where the facility receives mail, if different from the facility’s physical address.
  + City: The city of the business mailing address where the facility receives mail.
  + State: The state of the business mailing address where the facility receives mail.
  + Zip Code: The complete mailing zip code of the business mailing address where the facility receives mail.

**Air Permit Contact**:

* Salutation: Greeting name under which the air permit contact should be addressed (i.e., Mr. Ms., etc.)
* Contact Name: The person that can answer questions about the application and equipment located at the facility. This is the person the permit shall be issued to and should be someone that is physically located at the facility if possible.
* Title/Position: The title or position that the air permit contact possesses at the time the application is submitted.
* Mailing Address: The address where the air permit contact receives mail, if different from the facility’s mailing address.
  + City: The city where the air permit contact receives mail.
  + State: The state where the air permit contact receives mail.
  + Zip Code: The complete mailing zip code where the air permit contact receives mail.
* Phone No.: The telephone number including area code where the air permit contact can be reached.
* E-mail Address: The e-mail address for the air permit contact.

**Responsible Official (RO):**

* Salutation: Greeting name under which the responsible official should be addressed (i.e., Mr. Ms., etc.)
* Responsible Official Name:The person to contact that owns or is ultimately responsible for the facility.
* Title/Position: The title or position that the responsible official possesses at the time the application is submitted.
* Mailing Address: The address where the responsible official receives mail, if different from the facility’s mailing address.
  + City: The city where the responsible official receives mail.
  + State: The state where the responsible official receives mail.
  + Zip Code: The complete mailing zip code where the responsible official receives mail.
* Phone No.: The telephone number including area code where the responsible official can be reached.
* E-mail Address: The e-mail address for the responsible official.

**Cotton Gin Information:**

* Bale: A compressed package of cotton lint weighing nominally 500 pounds.
* A cotton ginning operation is any facility or plant that separates cotton lint from cotton seed. This process typically includes cleaning (removing plant material, dirt and other foreign matter) and packaging the lint into bales. Specify the quantity and type of control for each of the listed equipment categories: unloading fan, No. 1 dryer and cleaner, No. 2 dryer and cleaner, No. 3 dryer and cleaner, overflow fan, lint cleaner, cyclone robber system, mote fan, mote trash fan, battery condenser, and master trash fan. If the facility’s ginning operation includes additional equipment, complete the requested information for that equipment as well.

**Seed Cotton Dryers**

Seed cotton dryers are designed to reduce the moisture of lint cotton to facilitate cleaning and fiber/seed separation.

* Seed Cotton Dryer: For each seed cotton dryer, specify the dryer’s designation (i.e., D-1, D-2, etc.) and complete the requested information.
* Primary Fuel: Specify the fuel that will be used to run the seed cotton dryer majority of the time.
* Secondary Fuel, if applicable: Specify the back up fuel that will be used if the primary fuel is not available.
* Total Rated Heat Input (106 BTU/hr): Maximum rated input capacity in BTU/hr.
* Number of Burners: List the number of burners in the seed cotton dryer.
* Size of Each Burner (106 BTU/hr): List the size of each burner in the seed cotton dryer.

**Grain Handling Information:**

Grain handling operations receive, store, and then distribute grain for direct use, process manufacturing, or export. Complete the requested information if the facility performs grain handling operations.

* Grain: Grain includes, but is not limited to, corn wheat, sorghum, rice, rye, oats, barley, and soybeans.
* Bushel: A unit of measure for the capacity of grain.
* Hours of operation**:** If applicable, specify how many hours per year that the facility will perform grain handling operations.

**NSPS Subpart DD – Standards of Performance for Grain Elevators**

* Permanent Storage Capacity: Permanent storage capacity means the grain storage capacity inside a building, bin, or silo.
* Affected facility: All grain handling operations including any grain terminal elevator or any grain storage elevator, truck unloading station, truck loading station, barge and ship unloading station, barge and ship loading station, railcar loading station, railcar unloading station, and grain dryer.
* Constructed: Fabrication, erection, or installation of a facility.
* Modified: Any physical change in, or change in the method of operation of, an existing facility.
* Reconstructed: Fabrication, erection, or installation of a facility after the original construction date.

**Grain Dryers**

Grain dryers are designed to reduce some of the moisture from grain by mechanically moving air through the grain after it has been harvested.

* Grain Dryer: For each grain dryer, specify the dryer’s designation (i.e., D-1, D-2, etc.) and complete the requested information.
* Primary Fuel: Specify the fuel that will be used to run the grain dryer majority of the time.
* Secondary Fuel, if applicable: Specify the back up fuel that will be used if the primary fuel is not available.
* Total Rated Heat Input (106 BTU/hr): Maximum rated input capacity in BTU/hr.
* Number of Burners: List number of burners in the grain dryer.
* Size of Each Burner (106 BTU/hr): List size of each burner in the grain dryer.