

INSTRUCTIONS:

Section 5.6: Surface Coating Facility Information

IMPORTANT: Do NOT use pencil to fill out the application. Please type responses or print using black ink. If you have any questions, feel free to contact the Nebraska Department of Water, Energy, and Environment (DWEE) via DWEE.AirQuality@nebraska.gov or the Air Quality Permitting Section at (402) 471-2186.

Complete the information on the top of each page. Enter the name of the facility, as it is known in Nebraska. The facility name on every page of the operating permit application should be identical. Enter the date the form was completed. Enter the DWEE Facility Identification number (FID) assigned by the DWEE. If this is a new facility, leave this box blank. If this is an existing facility, contact the Department if this number is unknown.

1) General Information

Provide a general explanation of the surface coating facility, including the types of materials/products that are produced and/or coated.

- 2) Enter the current and anticipated operating schedule of the facility. The anticipated operating schedule is the schedule anticipated after this permitting action is completed.
- 3) Enter the current and anticipated coating rate of the facility. The anticipated coating rate is the anticipated number of units expected to be coated after this permitting action is completed.
- 4) Attachment of manufacturer's specifications are required for: for each emission unit and/or control device listed in #9 burn-off oven; and #10 control equipment information.

5) Part Cleaning/Preparation Operations

Select the types of part cleaning and/or preparations operations that do/will occur at your surface coating facility.

6) Surface Coating Methods

Select the surface coating methods that occur at your surface coating facility. Attach any manufacturer specifications for each emission unit and/ or control equipment as part of the application (**Step 17 Manufacturers Specifications**).

- 7) Indicate the number of paint booths and dip tanks that currently exist at the facility and how many will exist after this permitting action is complete. If another type(s) of paint application device exists at the facility, provide the type in the "Other" category and provide the number that exist.
- 8) For each paint booth, dip tank, or similar paint application device currently located at the facility or proposed to be constructed, indicate the Unit ID, name of unit, type of unit, and indicate if a control device is/will be associated with the unit. If more than two (2) paint application devices currently exist or are being proposed, then multiple Section 5.6 (page 1) should be completed for the facility in order for all units to be accounted for. If filters are utilized for particulate control, indicate the filter control efficiency.

INSTRUCTIONS (continued):

Section 5.6: Surface Coating Facility Information

9) Surface Coating Curing and Burn-Off Oven Operations

If this facility does/will not have curing and burn-off oven operations, select the N/A box located in the section title.

Indicate the number of curing and burn-off ovens that currently exist at the facility and how many will exist after this permitting action is complete.

For each curing and burn-off oven currently located at the facility or being proposed in this permitting action, indicate the Unit ID#, name of unit, rated capacity (MMBtu/hr), and indicate the type(s) of fuel that will be or are utilized in the unit. If more than four (4) curing and/or burn-off ovens currently exist or will be constructed, then multiple Section 5.6 (page 2) should be completed for the facility in order for all units to be accounted for. Be sure to also complete Section 6.1 for each curing oven or heater, and Section 6.3 for each burn off oven (considered to be an incinerator) located on site.

10) Control Equipment Information

Attach the manufacturer's specifications for each emission unit and/ or control equipment as part of the application (**Step 17 Manufacturers Specifications**).

Indicate if this facility currently includes or will include a piece of control equipment used to control volatile organic compound (VOC) or hazardous air pollutant (HAP) emissions from the surface coating operations.

- 10) If a VOC/HAP control device exists or will be constructed, provide the control equipment identification number that has been assigned to the control device.
- 11) If the control device is existing, enter the date the control equipment was installed at the facility. You should include a month, day, and year. If the control equipment is proposed, select the "N/A" box.
- 12/13) Enter the name of the control equipment or provide a brief description of the unit's purpose.

Enter the types of pollutants that the control equipment controls (i.e., reduces). If numerous pollutants are controlled, indicate the different pollutants controlled in line with their respective control efficiencies. Enter the control efficiency of the control equipment for each pollutant being controlled. This is the percentage of the pollutant that is controlled/reduced by the control equipment. If more than four pollutants will be controlled by the piece of control equipment, attach additional pages so that all the controlled pollutants are accounted for in the application. If more than one control device is used for VOC/HAP control, attach additional information so that all control equipment is identified. If a control device(s) is utilized, be sure to complete Section 6.5 or 6.6 as appropriate.

INSTRUCTIONS (continued):

Section 5.6: Surface Coating Facility Information

14) Requested Emission Limitations

Surface coating sources typically request facility-wide VOC and HAP limitations on their actual emissions of those pollutants in order to provide maximum flexibility regarding the types of coatings used and not being subject to certain federal regulations. Please indicate the types of VOC and HAP limitations you would like established for your facility.

15) New Source Performance Standard (NSPS) Applicability

This Surface Coating Facility may be subject to an NSPS subpart. Select the subpart this facility is subject to. If you do not know whether or not the facility is subject to a specific NSPS, contact the Department for additional information.

16) Emission Calculations

PTE calculations must be submitted with this application. If you are submitting a construction permit application, potential emissions are required to be submitted with the application. If you are submitting an operating permit application, both potential and actual emissions are required to be submitted with the application. Be sure that the appropriate emission calculations are attached and select the box to indicate it has been done .

17) Manufacturers Specifications

Attach the manufacturer's specifications for each emission unit listed under #8, or in #9 burn-off oven and #10 control equipment information. Select the box to indicate it has been done.

18) Additional Information

Please include any additional information associated with the emission point or associated emission units you feel should be submitted with this application.

Instructions for the Coating and Solvent information are on the form itself.