



Form Series CD300 collects information on the pollution control devices at the facility. The Permit application is structured around emissions units at the facility. Emissions units may consist of one or more device(s) and process(es) that have pollution control devices. The owner/operator must describe the individual devices and processes using Form Series DV200. This series is used to describe the pollution control devices. The following forms are included in this series:

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As many as four pollution control devices can be described on each of the forms, except CD306. The owner/operator should devise a coding system for use in identifying each of the control devices in order to match the control devices up with the emission devices and processes on the emissions unit forms (EU500).

Indicate in this form if you intend to install a new control device at a future point during the permit term. To do so, under the "date installed", enter "future--200X" to indicate the year in which the device will be installed. If uncertain of the year, enter simply "future." Complete other information about the device (e.g., manufacturer, model number, rated efficiency, etc.) to the fullest extent possible to minimize the level of permit modification required at the time the device is installed.

CD301 – ELECTROSTATIC PRECIPITATOR

1. Enter name of the pollution control device as referred to by the owner/operator.
2. Enter pollution control device identification (ID) number or label assigned by the owner/operator.
3. Enter year the control device was, or will be, installed.
4. Enter manufacturer of the control device.
5. Enter model number of the control device.
6. Specify type of electrostatic precipitator--either wet or dry.
7. Enter the rated collection efficiency, in percent, based on the manufacturer's guarantee.
8. Describe any inlet gas pretreatment systems. If pretreatment systems are separate control devices, fill out the appropriate form.
9. Enter number of fields in the device.
10. Enter design criteria for the primary voltage.
11. Enter design criteria for the secondary voltage.
12. Enter design criteria for the primary current.
13. Enter design criteria for the secondary current.
14. Enter design inlet gas flow rate (acfm).

CD301 - WET SCRUBBER

1. Enter name of the pollution control device as referred to by the owner/operator.
2. Enter pollution control device identification (ID) number or label assigned by the owner/operator.
3. Enter year that the control device was, or will be, installed.
4. Enter manufacturer of the control device.
5. Enter model number of the control device.
6. Specify type of wet scrubber. Examples include venturi, packed bed, spray tower, etc.
7. Enter rated collection efficiency, in percent, based on the manufacturer's guarantee.
8. Enter design water flow rate (gal/min).
9. Enter design water pressure (psig).

10. Enter design inlet gas flow rate (acfm).
11. Enter design pressure drop across the scrubber (inches of water column).

CD303 - BAGHOUSE

1. Enter name of the pollution control device as referred to by the owner/operator.
2. Enter pollution control device identification (ID) number or label assigned by the owner/operator.
3. Enter year that the control device was, or will be, installed.
4. Enter manufacturer of the control device.
5. Enter model number of the control device.
6. Enter rated collection efficiency, in percent, based on the manufacturer's guarantee.
7. Describe the baghouse cleaning mechanism.
8. Specify the frequency with which cleaning is performed.
9. Enter design inlet gas flow rate (acfm).
10. Enter design air-to-cloth ratio.
11. Enter number of individual bags.
12. Enter design pressure drop across the baghouse, in inches of water.

CD304 - FUME INCINERATOR

[Fume incinerators, because they emit regulated air pollutants, should be identified not only as a control device but also as part of an appropriate emissions unit. Complete Form DV211, Incinerator, for the device and include it in an appropriate emissions unit described on Form EU501, Emissions Unit Summary.]

1. Enter name of the pollution control device as referred to by the owner/operator.
2. Enter pollution control device identification (ID) number or label assigned by the owner/operator.
3. Enter year that the control device was, or will be, installed.
4. Enter manufacturer of the control device.
5. Enter model number of the control device.
6. Specify type of fume incinerator. Examples would include thermal oxidizers and catalytic oxidizers.
7. Enter rated destruction efficiency, in percent, based on the manufacturer's guarantee.
8. Enter design inlet gas flow rate (acfm).
9. Enter design temperature (°F) of the combustion chamber. This should be the temperature at the *exit* of the combustion chamber. This should correspond to the residence time provided in item 9, below.
10. Enter design residence time for which gases will be held at a minimum of the temperature level presented in item 8.
11. Attach a schematic showing the dimensions of the combustion chamber and the calculations used to determine the residence time. An electronic copy of the schematic is not required.

CD305 - INERTIAL SEPARATOR (MULTICLONE\HIGH EFFICIENCY CYCLONE) INFORMATION.

1. Enter name of the pollution control device as referred to by the owner/operator.
2. Enter pollution control device identification (ID) number or label assigned by the owner/operator.
3. Enter year that the control device was, or will be, installed.
4. Enter manufacturer of the control device.
5. Enter model number of the control device.
6. Enter rated collection efficiency, in percent, based on the manufacturer's guarantee.
7. Enter individual cyclone diameter(s), in inches.
8. Enter individual cyclone length(s), in inches or feet (specify).
9. Enter design inlet gas flow rate (acfm).
10. Enter design pressure drop across the multiclone, in inches of water column.

CD306-OTHER CONTROL DEVICE INFORMATION.

Complete one form for each control device.

1. Enter name of the pollution control device as referred to by the owner/operator.
2. Enter pollution control device identification (ID) number or label assigned by the owner/operator.
3. Enter year the control device was, or will be, installed.
4. Enter manufacturer of the device.
5. Enter model number of the device.
6. Describe type of control device, including design parameters.
7. Enter rated collection or destruction efficiency of the control device, in percent, based on the manufacturer's guarantee.
8. Enter design inlet gas flow rate (acfm).