



## Air or Water Pollution Control and Carbon Capture Equipment Certification Application

Date \_\_\_\_\_

### Section A

Name \_\_\_\_\_

Mailing Address \_\_\_\_\_

Facility Address (if different from mailing address) \_\_\_\_\_

Telephone \_\_\_\_\_

Contact Name and Phone \_\_\_\_\_

Email Address \_\_\_\_\_

### Section B

Describe the type of operation conducted at the above location. \_\_\_\_\_

### Section C

1. Describe the process(es) whose emissions or discharges are or will be controlled by the facility.

2. Complete the following tables as applicable.

#### AIR

Emission Rate (Tons per Year (tpy) and Pounds per Hour (lb/hr))			Control Efficiency	
Emission (Particulates, SO <sub>2</sub> , NO <sub>x</sub> , CO, VOC, Pb, CO <sub>2</sub> , etc.)	With Facility	Without Facility	Design	Actual Performance
	tpy	tpy		
	lb/hr	lb/hr		
	tpy	tpy		
	lb/hr	lb/hr		
	tpy	tpy		
	lb/hr	lb/hr		
	tpy	tpy		
	lb/hr	lb/hr		
	tpy	tpy		
	lb/hr	lb/hr		

**Notes:** SO<sub>2</sub> – sulfur dioxide, NO<sub>x</sub> – oxides of nitrogen, CO – carbon monoxide, VOC – volatile organic compounds, Pb – lead, CO<sub>2</sub> – carbon dioxide

# WATER

Contaminant Discharge	With Facility		Without Facility	
	Average Monthly Concentration (mg/L)	Average Daily Flow (MGD)	Average Monthly Concentration (mg/L)	Average Monthly Flow (MGD)

**Notes:** mg/L – milligrams per liter, MGD – Million Gallons per Day

- Describe the method or technique used to estimate the rate of emissions or discharges (attach all calculations). \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

## Section D

- List the type and description of air or water pollution control facility for which certification is desired.  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_
- Describe the purpose of each piece of equipment installed (for which certification is being sought), including the reason for installing the equipment. \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_
- Mark the category for each piece of equipment installed (for which certification is being sought)t.
 

<input type="checkbox"/> Replacement Equipment	<input type="checkbox"/> Maintenance of Existing Equipment
<input type="checkbox"/> Repair of Existing Equipment	<input type="checkbox"/> Enhancement of Existing Equipment
<input type="checkbox"/> New Equipment	
- Provide the maintenance schedule and activity (e.g., downtime, percent of utilization, etc.) for each facility under consideration for certification. \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_
- Describe the final disposition of pollutants or contaminants for each facility under consideration for certification. \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

6. What is the date that each facility under consideration for certification was placed (or is expected to be placed) in operation/service? \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_
7. What is the useful operating life of each facility under consideration for certification?  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_
8. Does (or when completed, will) each facility under consideration for certification conform to water and air pollution control requirements or standards? \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_
9. For equipment that is used for multiple purposes, provide a detailed breakdown (by percentage) of the use of the equipment (ARM 17.8.102). The information should differentiate the extent to which the equipment is used for pollution control or carbon capture purposes as compared to other purposes.  
 \_\_\_\_\_  
 \_\_\_\_\_
10. Provide a detailed itemization of capital and operating costs for each piece of equipment under consideration for certification in this application (ARM 17.80.103(5) and ARM 17.8.103(6)).
11. Attach a copy of the plans, specifications and drawings of the facility for which certification is desired. Include the cost of the facility and operating cost per month.
12. I certify that, on the date of this application, my company is in substantial compliance with all rules, laws, orders and permit conditions applicable to the equipment that is the subject of this certification application.

**Section E**

**Certification**

I hereby certify that I have read the contents of the foregoing application and know the contents thereof, and that the same are true and complete to the best of my knowledge, information and belief.

Applicant Signature \_\_\_\_\_

**Section F**

*For Agency Use Only*

File Number \_\_\_\_\_

Application and supporting data reviewed by \_\_\_\_\_

Recommendation \_\_\_\_\_

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**Mail a completed application to each of the following addresses:**

Montana Department of Environmental Quality  
 Permitting and Compliance Division  
 1520 E Sixth Avenue  
 PO Box 200901  
 Helena, MT 59620-0901

Montana Department of Revenue  
 Business Tax and Valuation Bureau  
 PO Box 5805  
 Helena, MT 59604-5805

# **Air or Water Pollution Control and Carbon Capture Equipment Certification Application Instructions**

## **General Information**

1. Complete a separate application for each facility for which certification is desired.
2. Submit one application to each of the following three entities: 1) Department of Environmental Quality (DEQ), Permitting and Compliance Division, PO Box 200901, Helena, MT 59620-0901, 2) Department of Revenue (DOR), Business Tax and Valuation Bureau, PO Box 5805 Helena, MT 59604-5805, and 3) the county commissioners of the county in which the property is located. Call DEQ's Permitting and Compliance Division, (406) 444-4323, with specific questions regarding air or water pollution control equipment.
3. To be eligible to receive pollution control status for the current tax year, the application must be received by the DEQ on or before January 1 of that year (ARM 42.19.1203).
4. When necessary, attach additional sheets to furnish required information with the corresponding question number.
5. Note on the application when requested information is not applicable to the facility for which the application is made.

## **General Instructions**

### **Section A**

Complete general applicant and facility information.

### **Section B**

1. Describe the type of the operation conducted at the location or proposed location of the facility.
2. If the facility does not control or is not intended to control wastewater from the entire operation at the facility location, describe the specific processes whose wastewater the facility controls (or intended to control).

### **Section C**

1. Describe in detail the specific processes whose emissions or discharges the facility, equipment or device is intended to control.
2. List the contaminants that are emitted from the unit process and that are discharged into the outdoor environment. Give the rates of emissions with and without the facility in pounds per hour and tons per year for air pollution control equipment. List water pollution control equipment discharge concentrations in milligrams per Liter (mg/L) and flows in Million Gallons per Day (MGD). Indicate efficiencies for both design and actual performance.
3. Calculations for the method, formula or theory used in estimating rate of emissions must be attached.

## **Section D**

1. Identify the type of air or water pollution control facility or carbon capture equipment and describe in detail the specific equipment for which certification is desired, including the name of the manufacturer.
2. Describe the purpose of each piece of equipment under consideration for certification, specifically focusing on whether the equipment is being installed a) for the purposed of environmental benefit, b) to comply with state or federal pollution control regulations, or c) for some other reason.
3. Identify the category description that best describes the equipment under consideration for certification (replacement, maintenance, repair, enhancement or new).
4. Describe the type of maintenance needed or anticipated to keep the facility operating at maximum efficiency. Include estimated hours of downtime and whether effluent continues through these periods of downtime.
5. Describe the final disposition of contaminants, air or water, which have been removed, altered, disposed of or stored by the facility.
6. Give the approximate date on which the facility was first placed (or is expected to be placed) in service and effectively operated.
7. Identify the planned/estimated life efficiency for the equipment under consideration for certification.
8. Identify whether or not the equipment under consideration for certification conforms to the applicable air quality or water quality requirements or standards.
9. Identify the use of the equipment. For equipment that has multiple purposes, provide a detailed breakdown of the use of the equipment, estimating the time/value used for air or water pollution control and the time/ value used for other purposes.
10. Provide a detailed itemization of capital and operating costs.
11. Provide plans, specifications and drawings of the equipment for which certification is under consideration.
12. Identify whether or not you believe the company is in substantial compliance with all rules, laws, orders and permit conditions applicable to the equipment.

## **Section E**

Application certification must be signed by an authorized representative of the company seeking certification.

## **Section F**

Agency Review