



OAQ CONTROL EQUIPMENT APPLICATION
CE-02: Particulate Control – Baghouse / Fabric Filter
 State Form 51953 (R2 / 1-10)
 INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

IDEM – Office of Air Quality – Permits Branch
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NOTES:

- The purpose of CE-02 is to identify all the parameters that describe the baghouse or fabric filter. This is a required form.
- Complete this form once for each baghouse or fabric filter (or once for each set of identical baghouses or fabric filters).
- Detailed instructions for this form are available on the Air Permit Application Forms website.
- All information submitted to IDEM will be made available to the public unless it is submitted under a claim of confidentiality. Claims of confidentiality must be made at the time the information is submitted to IDEM, and must follow the requirements set out in 326 IAC 17.1-4-1. Failure to follow these requirements exactly will result in your information becoming a public record, available for any one to inspect and photocopy.

PART A: Identification and Description of Control Equipment

Part A identifies the particulate control device and describes its physical properties.

1. Control Equipment ID:	
2. Installation Date:	
3. Bags or Cartridges?	<input type="checkbox"/> Bags <input type="checkbox"/> Cartridges
4. Filter Material:	
5. Number of Bags/Cartridges per Compartment:	
6. Number of Compartments:	
7. Mode of Operation:	<input type="checkbox"/> Intermittent <input type="checkbox"/> Periodic <input type="checkbox"/> Continuous
8. Cleaning Method:	<input type="checkbox"/> Shaking <input type="checkbox"/> Reverse Pulse <input type="checkbox"/> Reverse Air <input type="checkbox"/> Jet Pulse
9. Cleaning Cycle / Frequency (specify units):	
10. Is a bag leak detector installed on this device?	<input type="checkbox"/> Yes <input type="checkbox"/> No
11. Type / Description of Bag Leak Detector:	<input type="checkbox"/> Positive Pressure <input type="checkbox"/> Negative Pressure
12. Air to Cloth Ratio (Ex: 1.3 : 1.0):	:
13. Is Lime Injection used on this device?	<input type="checkbox"/> Yes <input type="checkbox"/> No
14. Is Carbon Injection used on this device?	<input type="checkbox"/> Yes <input type="checkbox"/> No

PART B: Operational Parameters

Part B provides the operational parameters of the control device and the pollutant laden gas stream. Appropriate units must be included if the standard units are not used. For each applicable parameter, provide the inlet and outlet values or provide the differential value.

	A. Units	B. Inlet	C. Outlet	D. Differential
15. Gas Stream Flow Rate	ACFM			
16. Gas Stream Temperature	°F			
17. Gas Stream Pressure	inches of water			to
18. Moisture Content	%			
19. Particle Size Range	micrometers			to
20. Lime Injection Rate (if applicable)	lb/hr			
21. Carbon Injection Rate (if applicable)	lb/hr			
22. Other (specify):				

PART C: Pollutant Concentrations

Part C provides the pollutant concentrations of the pollutant laden gas stream.

	23. Units	24. Inlet	25. Outlet	26. Efficiency (%):	
				Capture	Control
<input type="checkbox"/> a. Lead (Pb)					
<input type="checkbox"/> b. Hazardous Air Pollutant (HAP) (<i>specify</i>):					
<input type="checkbox"/> c. Particulate Matter (PM)					
<input type="checkbox"/> d. Particulate Matter less than 10µm (PM ₁₀)					
<input type="checkbox"/> e. Particulate Matter less than 2.5µm (PM _{2.5})					
<input type="checkbox"/> f. Other Pollutant (<i>specify</i>):					

PART D: Monitoring, Record Keeping, & Testing Procedures

Part D identifies any existing or proposed monitoring, record keeping, & testing procedures that may need to be included in the permit.

27. Item(s) Monitored:				
28. Monitoring Frequency:				
29. Item(s) Recorded:				
30. Record Keeping Frequency:				
31. Pollutant(s) Tested:				
32. Test Method(s):				
33. Testing Frequency:				

PART E: Preventive Maintenance Plan

Part E verifies that a complete Preventive Maintenance Plan (PMP) has been prepared for the control device, if applicable. Use this table as a checklist to ensure that the PMP is complete.

34. Do you have a Preventive Maintenance Plan (PMP)?

No PMP is needed. Yes – the following items are identified on the PMP:

- A. Identification of the individual(s) responsible for inspecting, maintaining and repairing emission control devices.
- B. Description of the items or conditions that will be inspected.
- C. Schedule for inspection of items or conditions described above.
- D. Identification and quantification of the replacement parts that will be maintained in inventory for quick replacement.

PART F: Determination of Integral Control

Part F provides explanation to determine whether the control device should be considered integral to the process.

35. Has IDEM already made an integral control determination for this device?

If "Yes", provide the following:

No Yes

Permit Number: _____

Issuance Date: _____

Determination: Integral Not Integral

36. Is this device integral to the process?

If "Yes", provide the reason(s) why the device is integral.

No Yes