



**OAQ CONTROL EQUIPMENT APPLICATION**  
**CE-08: Organics – Condenser**  
 State Form 52625 (R / 1-10)  
**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT**

**IDEM – Office of Air Quality – Permits Branch**  
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- NOTES:
- The purpose of CE-08 is to identify all the parameters that describe the condenser. This is a required form.
  - Complete this form once for each condenser (or once for each set of identical condensers).
  - Detailed instructions for this form are available online 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 control device and describes its physical properties.

1. **Control Equipment ID:** \_\_\_\_\_

2. **Installation Date:** \_\_\_\_\_

3. **Type of Condenser:**     Conventional     Refrigeration     Cryogenic     Other (*specify*): \_\_\_\_\_

4. **Condenser Category:**     Direct Contact     Indirect Contact     Other (*specify*): \_\_\_\_\_

5. **Dew Point Temperature:** \_\_\_\_\_ °F

6. **Heat Transfer Efficiency (%)**: \_\_\_\_\_

7. **Hood Static Pressure** (*specify units*): \_\_\_\_\_ **Negative Pressure?**     Yes     No

8. Is there a permanently installed **Analyzer**?     No     Yes: *Unit ID of the analyzer*: \_\_\_\_\_

9. Is the **Condenser used for Steam Stripping of Organics**?     Yes     No     *Not Applicable*

10. **Ice Buildup:** *Explain how you plan to address the potential for ice build-up.*

**PART B: Operational Parameters**

Part B provides the operational parameters of the control device and the pollutant laden gas stream.

	A. Units	B. Inlet	C. Outlet	D. Differential
11. <b>Organic Vapor Concentration</b> ( <i>by volume</i> )	ppmv			
12. <b>Gas Stream Flow Rate</b>	ACFM			
13. <b>Gas Stream Temperature</b>	°F			
14. <b>Gas Stream Pressure</b>	inches of water			to
15. <b>Coolant Flow Rate</b>	GPM			
16. <b>Coolant Temperature</b>	°F			
17. <b>Vapor Pressure</b>	psi			to
18. <b>Other</b> ( <i>specify</i> ):				

**PART C: Pollutant Concentrations**

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

	19. Units	20. Inlet	21. Outlet	22. Efficiency (%):	
				Capture	Control
<input type="checkbox"/> a. Hazardous Air Pollutant (HAP) ( <i>specify</i> ):					
<input type="checkbox"/> b. Volatile Organic Compounds (VOC)					
<input type="checkbox"/> c. 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.

23. Item(s) Monitored:				
24. Monitoring Frequency:				
25. Item(s) Recorded:				
26. Record Keeping Frequency:				
27. Pollutant(s) Tested:				
28. Test Method(s):				
29. 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.

**30. 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.

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