



# OAQ PROCESS INFORMATION APPLICATION

## PI-09: Degreasing Operations

State Form 52549 (R2 / 1-10)

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

**IDEM – Office of Air Quality – Permits Branch**  
 100 N. Senate Avenue, MC 61-53 Room 1003  
 Indianapolis, IN 46204-2251  
 Telephone: (317) 233-0178 or  
 Toll Free: 1-800-451-6027 x30178 (within Indiana)  
 Facsimile Number: (317) 232-6749  
 www.IN.gov/idem

**NOTES:**

- The purpose of this form is to obtain detailed information about the degreasing process. Complete one form for each process unit (or group of identical process units). This is a required form.
- 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 anyone to inspect and photocopy.

### PART A: Degreasing Unit Information

Part A identifies the type of degreasing unit. Use one form to identify each type of degreaser system used at your source.

1. Type of Degreaser	2. Unit ID	3. Installation Date	4. Number of Identical Degreasers	5. Material Cleaned	6. Parameter	7. Value	8. Units
<input type="checkbox"/> Cold Cleaner					a. Agitation method:		
					b. Drainage time:		
<input type="checkbox"/> Open-Top Vapor Degreaser					a. Freeboard ratio:		
					b. Condenser operating temperature:		
					c. Maximum work velocity:		
					d. Degreasing Time:		
					e. Drying Time:		
					f. Exhaust ventilation rate:		
					g. Interface area (ft <sup>2</sup> ):		
<input type="checkbox"/> Conveyorized Degreaser					a. Condenser operating temperature:		
					b. Conveyor speed:		
					c. Degreasing zone length (feet):		
					d. Exhaust ventilation rate:		
					e. Maximum tunnel entrance and exit clearance:		

**PART B: Solvent Information**

Part B identifies the solvents used. *Include a Material Safety Data Sheet MSDS) for each solvent used.*

9. Type of Solvent	10. Unit ID:	11. Consumption (gal/day)	12. Density (lb/gal)	13. Temperature As Used (°F)	14. Vapor Pressure at 100°F (psia)

**PART C: Emission Controls and Limitations**

Part D identifies the control technologies, techniques, and other process limitations corresponding to each process.

**15. Add-On Control Technology:** *Identify all control technologies used for this unit, and attach completed CE-01 (unless "none").*

None

Other (specify):

– Attach CE-10.

**16. Control Techniques:** *Identify all control techniques used for this process.*

**17. Process Limitations / Additional Information:**

*Identify any acceptable process limitations. Attach additional information if necessary.*

**PART D: Emission Factors**

Part D identifies all emission factors used to calculate air emissions from this process.

18. Process Unit & ID <i>(complete for all units listed on this form)</i>	19. Air Pollutant	20. Emission Factor		21. Source of Emission Factor <i>(if not using AP-42, include source-specific calculations)</i>	
		value	units		
	VOC			<input type="checkbox"/> AP-42	<input type="checkbox"/> Other
	HAPS			<input type="checkbox"/> AP-42	<input type="checkbox"/> Other
				<input type="checkbox"/> AP-42	<input type="checkbox"/> Other
				<input type="checkbox"/> AP-42	<input type="checkbox"/> Other
				<input type="checkbox"/> AP-42	<input type="checkbox"/> Other
				<input type="checkbox"/> AP-42	<input type="checkbox"/> Other

**PART E: Federal Rule Applicability**

Part E identifies any federal rules that apply to the process.

**22. Is a New Source Performance Standard (NSPS) applicable to this source?**  
*If yes, attach a completed FED-01 for each rule that applies.*

Yes  No

40 CFR Part 60, Subpart \_\_\_\_\_ (Specify):

**23. Is a National Emission Standard for Hazardous Air Pollutants (NESHAP) applicable to this source?** *If yes, attach a completed FED-01 for each rule that applies.*

Yes  No

40 CFR Part 61, Subpart \_\_\_\_\_ (Specify):

40 CFR Part 63, Subpart T Degreasing Organic Cleaners

40 CFR Part 63, Subpart \_\_\_\_\_ (Specify):

**24. Non-Applicability Determination:** *Provide an explanation if the process unit appears subject to a rule (based on the rule title or the source category), but the rule will not apply.*

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