



OAQ PROCESS INFORMATION APPLICATION

PI-06: Electroplating

State Form 52546 (R2 / 1-10)

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

IDEM – Office of Air Quality – Permits Branch
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NOTES:

- The purpose of this form is to obtain detailed information about the electroplating 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: Process Information

Part A identifies the electroplating process. If there are multiple process units that are identical in nature, capacity, and use, you may use one form to summarize the data for the identical process units.

1. Unit ID:

2. Installation Date:
(actual or anticipated)

3. How many (identical) process units are identified in this form?

One More than one *(specify number)* : _____

4. Type of Plating Process:

Hard Chrome Decorative Chrome
 Chromium Anodizing Cadmium
 Nickel Zinc
 Other *(specify)*:

5. Maximum Production Rate *(specify units)*:

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

- None
 Wet Scrubber / Absorption – *Attach CE-05.*
 Other *(specify)*: _____ – *Attach CE-10.*

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

- None
 Composite Mesh Pad Fiber-Bed Mist Eliminator
 Wetting Agent Foam Blanket Fume Suppressant

8. Process Limitations / Additional Information: *Identify any acceptable process limitations. Attach additional information if necessary.*

This space is intentionally left blank.

PART B: Emission Factors

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

9. Process Unit (& ID, if applicable)	10. Air Pollutant	11. Emission Factor		12. Source of Emission Factor (if not using AP-42, include calculations)	
		value	units	<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
				<input type="checkbox"/> AP-42	<input type="checkbox"/> Other
				<input type="checkbox"/> AP-42	<input type="checkbox"/> Other

PART C: Process Tank Details

Part C identifies the process tanks, the rectifier capacity and bath components of each tank, materials processed, raw material usage, and tanks under common control.

13. Process Tank	14. Rectifier Capacity (A)	15. Bath Components	16. Materials Processed	17. Raw Material Usage Rate (lb/hr)	18. Common Control?
					<input type="checkbox"/> Yes <input type="checkbox"/> No
					<input type="checkbox"/> Yes <input type="checkbox"/> No
					<input type="checkbox"/> Yes <input type="checkbox"/> No
					<input type="checkbox"/> Yes <input type="checkbox"/> No
					<input type="checkbox"/> Yes <input type="checkbox"/> No
					<input type="checkbox"/> Yes <input type="checkbox"/> No

PART D: Federal Rule Applicability

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

19. 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):

20. Is the **National Emission Standard for Hazardous Air Pollutants (NESHAP) for Chromium Electroplating (40 CFR Part 63, Subpart N)** applicable to this source?
Attach a completed FED-01 if this rule is applicable. Yes No

21. **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.*