**SPOKANE REGIONAL CLEAN AIR AGENCY**
3104 E. Augusta Ave., Spokane, WA 99207
(509) 477-4727, Fax (509) 477-6828, www.SpokaneCleanAir.org

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NOC#:

# NOTICE OF CONSTRUCTION AND APPLICATION FOR APPROVAL
## FOR INSTALLATION / MODIFICATION OF AN AIR POLLUTION SOURCE
# HARD & DECORATIVE CHROMIUM ELECTROPLATING & ANODIZING TANKS

*This Notice of Construction (NOC) application must be accompanied by the required $3,525.00 base fee for the project.* ***Additional NOC review fees will be invoiced after the NOC review is complete.*** *See Spokane Clean Air's current fee schedule for applicable NOC fees.*

*To complete this application, please "save as" the document onto your computer. Then use your mouse to click and fill in the required data. Print, sign, and submit with base fee and any required additional information.*

## 1. GENERAL INFORMATION

**Owner / Operator**:
**Name of Business**:
**Business Address**:

**Contact Person**:
**Business Phone #**:
**Business Fax #:**
**Business Email**:

**Applicant**:
**Applicant Address**:

**Contact Person**:
**Applicant Phone #:**
**Applicant Fax #:**
**Applicant Email**:

## 2. INSTALLATION INFORMATION

**Installation Address**:

**Contact Person**:
**Installation Phone #:**
**Installation Fax #:**
**Installation Email:**
**Type of business** (check one): ☐ New ☐ Existing
**Facility registered with SRCAA** (check one)?
☐ Yes ☐ No

**Installer Co. Name**:
**Installer Address**:

**Contact Person**:
**Installer Phone #:**
**Installer Fax #:**
**Installer Email**:
**Nature of business**:
**Estimated date of completion**:

## 3. CONSTRUCTION OR RECONSTRUCTION

**Will the chromium plating or anodizing tank(s) be** (check one): ☐ new construction ☐ reconstruction

## 4. TANK INFORMATION

Complete the following table for each tank for which construction or reconstruction is planned. If additional tables are needed, please make copies of this page. A sample table is given.

| Tank ID# | Type of Tank | Expected Beginning Date for Constr/Reconstr | Expected Completion Date for Constr/Reconstr | Anticipated Start-up Date | Type of Control(s) Used (1) | Control System ID# | Estimated Total Chromium Emissions After Control is Applied (2) |
|---|---|---|---|---|---|---|---|
| 1 | Hard Chrome Plating | 10/94 | 1/95 | 1/95 | Composite Mesh Pad & Wetting-agent Fume suppressant | 1 | 0.01 mg/dscm |
| 2 | Decorative Chrome Plating | 2/95 | 6/95 | 6/95 | Wetting-agent Fume suppressant | N/A | Will meet 45 dynes/cm |

(1) Attach design information from vendor, including design drawings and design capacity.
(2) Attach engineering calculations to support estimate. These calculations may be from the vendor. Emissions estimates should be expressed in units consistent with the emissions limits in the regulation.

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|---|---|---|---|---|---|---|---|
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(2) Attach engineering calculations to support estimate. These calculations may be from the vendor. Emissions estimates should be expressed in units consistent with the emissions limits in the regulation.

## 5. AIR POLLUTION CONTROL EQUIPMENT BEING INSTALLED / MODIFIED

**Manufacturer**:
**Model number**:
**Capacity rating**:
**Status of equipment** (check one): ☐ New ☐ Used ☐ Existing

**Number of units installed / modified**:
**Will this equipment share a stack with other equipment**? (check one) ☐ Yes ☐ No
**If yes, please explain**:

## 6. EXHAUST DATA

**Flow rate** (SCFM):
**How does exhaust exit the stack** (check one)? ☐ Vertical ☐ Horizontal
**Will a stack cap/rain guard be installed** (check one)?
☐ Yes ☐ No (If yes, submit a drawing of the stack cap design.)

**Exit temperature** (°F):
**Stack height from ground** (ft):
**Internal dimensions of stack/vent** (ft):

## 7. MODELING INFORMATION

**All building dimensions w/in 200 ft. of proposal** (LxWxH, ft, Include these dimensions on required plot plan.):

**Distance from stack to nearest property line** (ft):

**Describe any dispersion modeling that has been done**:(Attach computer printout of results.)

## 8. MAJOR OR AREA SOURCES

**The tanks will be located at a** (check one) ☐ major or ☐ area source. (Note: A major source is a site that emits more than 10 tons per year of any one hazardous air pollutant (HAP) or 25 tons of all hazardous air pollutants combined. All other sources are area sources. The major/area source determination is based on all HAP emissions at the site, not just the plating or anodizing tanks.

## 9. RECTIFIER CAPACITY

**If hard chromium electroplating tanks are being constructed/reconstructed, answer the following questions.**
**What is the total rectifier capacity in amperes?**
Check all that apply:

☐ The maximum cumulative potential rectifier capacity of the hard chromium electroplating tanks is greater than or equal to 60 million amp-hr/yr. This was determined by taking the sum of the total installed rectifier capacity (amperes) multiplied by 8400 hrs/yr and by 0.7 for each tank.

☐ The maximum cumulative rectifier capacity of the hard chromium electroplating tanks is less than 60 million amp-hr/year. This was determined by taking the sum of the total installed rectifier capacity (amperes) multiplied by 8400 hrs/yr and by 0.7 for each tank.

☐ Records show that the site's previous 12-month cumulative current usage for the hard chromium electroplating tanks was less than a 60 million amp-hr/yr.

☐ The company wishes to accept a federally-enforceable limit of less than 60 million amp-hr/yr on the maximum cumulative potential rectifier capacity of the hard chrome electroplating tanks.

## 10 PARTS TO BE RECONSTRUCTED

- **If reconstruction is to occur, attach a brief description of the source and the components to be replaced.**

## 11. RECONSTRUCTION ECONOMIC LIMITATIONS

**If reconstruction is to occur, and the company believes that there are economic or technical limitations to prevent the company from complying with all relevant standards or requirements.**

- Attach a discussion of any economic or technical limitations of complying with the relevant standards or requirements. The discussion must be sufficiently detailed to demonstrate how these limitations will affect the company's ability to comply.
- Provide an estimate of the fixed capital cost of the replacement and of construction of a comparable entirely new source: Replacement $ New Source $
- Provide the estimated life of the source after the replacements:

## 12. OTHER INFORMATION – ATTACH THE FOLLOWING TO THIS APPLICATION

- Plot plan showing the entire facility, buildings within 200 ft. of proposal, including property lines, cross streets, and location of proposed boiler(s) **(required.)**
- Flow diagram detailing operations occurring and material flow process **(required.)**
- Material Safety Data Sheets (MSDS) for all materials used **(required.)**
- Environmental Checklist, SEPA, see section #8 **(required.)**
- Any emission and/or source test date, including particulate, $NO_x$, $SO_2$, CO, VOC, lead, and toxics **(if available.)**
- Manufacturer and/or vendor information on process and air pollution control equipment being installed or modified **(required.)**

## 13. SEPA

I certify that the State Environmental Policy Act (SEPA) has been satisfied for this project on (mo/day/yr)
by (government agency).

The Spokane Regional Clean Air Agency may require that a copy of the final determination and the environmental checklist or environmental impact statement be submitted with this application.

*Print this form, sign below, and submit with base fee and any required additional information.*

I HEARBY CERTIFY THAT THE INFORMATION CONTAINED IN THIS APPLICATION, INCLUDING SUPPLEMENTAL FORMS AND DATA, IS TO THE BEST OF MY KNOWLEDGE COMPLETE AND CORRECT.

| | |
|---|---|
| Signature: | Date: |
| Print Name: | Phone: |
| Title: | Email: |

FOR AGENCY USE ONLY

Approved by the Spokane Regional Clean Air Agency pursuant to conditions of approval specified in the Approval Order.

_____
CONTROL OFFICER

DATE _____

COMMENTS _____

_____

Responsible official can be:

- The president, vice-president, secretary, or treasurer of the company that owns the plant;
- The owner of the plant;
- The plant engineer or supervisor;
- A government official if the plant is owned by the federal, state, city or county government, or;
- A ranking military officer, if the plant is located on a military base.