



LANE REGIONAL AIR PROTECTION AGENCY
GENERAL
AIR CONTAMINANT DISCHARGE PERMIT

Lane Regional Air Protection Agency
1010 Main Street
Springfield, OR 97477
Telephone: (541) 736-1056

This permit is being issued in accordance with the provisions of ORS 468A.040 and LRAPA 37-0060.

ISSUED BY THE LANE REGIONAL AIR PROTECTION AGENCY

[Date]

Steven A. Dietrich, Director

Dated

Plating and polishing operations including electroplating (other than chromium electroplating), electroless or non-electrolytic plating, non-electrolytic metal coating processes (e.g. chromate conversion coating, nickel acetate sealing, sodium dichromate sealing, manganese phosphate coating), thermal spraying, dry mechanical polishing of finished metals and formed products after plating or thermal spraying, electroforming, and electropolishing, subject to 40 C.F.R. part 63 subpart WWWW, as adopted under LRAPA title 44.

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1.0 PERMIT ASSIGNMENT

1.1. Qualifications

The permittee must meet all of the following conditions in order to qualify for assignment to this General Air Contaminant Discharge Permit (ACDP):

- a. The permittee is performing plating and polishing activities listed on the cover page of this permit, including supporting activities;
- b. The plating and polishing facility uses or has emissions of compounds of one or more plating and polishing metal hazardous air pollutants (HAP), which means any compound of the following metals: cadmium, chromium, lead, manganese, and nickel. With the exception of lead, plating and polishing metal HAP also include any of these metals in the elemental form;
- c. The source does not qualify for a Basic ACDP and a Simple or Standard ACDP is not required for the source; and
- d. The source is not having ongoing, recurring or serious compliance problems.

1.2. Exclusions

This permit does not apply to any of the following process units or operations:

- a. Process units that are subject to the requirements of 40 C.F.R. part 63 subpart N (National Emission Standards for Chromium Emissions from Hard and Decorative Chromium Electroplating and Chromium Anodizing

- Tanks);
- b. Research and development process units;
 - c. Process units that are used strictly for educational purposes;
 - d.
 - e. Dry mechanical polishing conducted to restore the original finish to a surface; or
 - f. Any plating or polishing process that does not use any material that contains cadmium, chromium, lead, or nickel in amounts of 0.1 percent or more by weight, and that does not use any material that contains manganese in amounts of 1.0 percent or more by weight, as reported on the Safety Data Sheet for the material.

1.3. Assignment LRAPA will assign qualifying permittees to this permit that have and maintain a good record of compliance with the LRAPA’s Air Quality regulations and that LRAPA determines would be appropriately regulated by a General ACDP. LRAPA may rescind assignment of the permittee no longer meets the qualifications in Condition 1.1 above, conditions of LRAPA Section 37-0060, or the Conditions of this permit.

1.4. Permitted Activities Until this permit expires, is modified, or is revoked, the permittee is allowed to discharge air contaminants from processes and activities directly related to or associated with the air contaminant source(s) listed on the first page of this permit in addition to any categorically insignificant activities, as defined in LRAPA title 12, at the source. Discharge of air contaminants from any other equipment or activity not identified herein is not authorized by this permit.

1.5. Relation to Local Land Use Laws This permit is not valid outside of Lane County, or at any location where the operation of the permittee’s processes, activities, and insignificant activities would be in violation of any local land use or zoning laws. For operation outside of Lane County, contact the Oregon Department of Environmental Quality for any necessary permits at (503) 229-5359. The permittee must obtain local land use approvals as, or where, applicable before operating this facility at any location.

2.0 GENERAL EMISSION STANDARDS AND LIMITS

2.1. Visible Emissions The permittee must comply with the following visible emission limits:

- a. Visible emissions from any air contaminant source must

not equal or exceed an average of 20% opacity for a period or periods aggregating more than 3 minutes in any one hour; [LRAPA 32-010(3)]

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- b. Aggregate times consist of the total duration of all reading during the observation period that are equal to or greater than the opacity percentage in the standard, whether or not the readings are consecutive; and [LRAPA 32-010(2)]
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- c. The visible emission standard in this condition does not apply to fugitive emissions from a source or part of a source. [LRAPA 32-010(1)]

2.2. Fugitive Emissions

The permittee must comply with the following:

- d. The permittee must take reasonable precautions to prevent particulate matter, including fugitive dust, from becoming airborne from all site operations from which it may be generated; [LRAPA 48-015(1)]
- e. The permittee must not allow visible fugitive particulate emissions to leave the permittee's property for a period or periods totaling more than 18 seconds in a six-minute period; [LRAPA 48-015(2)(a)]
- f. Compliance with the fugitive emissions standard in Condition 2.2.b is determined by EPA Method 22 at the downwind property boundary; and [LRAPA 48-015(2)(b)]
- g. If requested by LRAPA, the permittee must develop and implement a fugitive emission control plan to prevent any visible emissions from leaving the property of a source for more than 18 seconds in a six-minute period following the procedures of EPA Method 22. [LRAPA 48-015(3)]

2.3. Particulate Matter Fallout

The permittee must not cause or permit the emission of any particulate matter larger than 250 microns in size at sufficient duration or quantity, as to create an observable deposition upon the real property of another person. LRAPA will verify that the deposition exists and will notify the permittee that the deposition must be controlled. [LRAPA 32-050]

2.4. Nuisance and Odors

The permittee must not cause or allow air contaminants from any source to cause a nuisance. Nuisance conditions will be verified by LRAPA personnel. [LRAPA 49-010]

2.5. Startup, Shutdown, and Malfunction Provisions

At all times, including periods of startup, shutdown, and malfunction, the permittee must operate and maintain any affected source, including associated air pollution control devices and monitoring equipment, in a manner consistent with good air

pollution control practices for minimizing emissions.

During a period of startup, shutdown, or malfunction, this general duty to minimize emissions requires that the permittee reduce emissions from the source to the greatest extent which is consistent with safety and good air pollution control practices. The general duty to minimize emissions during a period of startup, shutdown, or malfunction does not require the permittee to achieve emission levels that would be required by the applicable standard at other times if this is not consistent with safety and good air pollution control practices, nor does it require the permittee to make any further efforts to reduce emissions if levels required by the applicable standard have been achieved.

Malfunctions must be corrected as soon as practicable after their occurrence. [40 CFR 63.6(e)]

3.0 NESHAP 6W APPLICABILITY

- 3.1. 40 C.F.R. Part 63 Subpart WWWWWW – Emission Standards for Plating and Polishing Operations**
- The permittee must comply with all applicable provisions of 40 C.F.R. §63.11504 – §63.11513 for all affected emissions to which this subpart applies by the applicable date in §63.11506. The permittee must also comply with all applicable provisions of 40 C.F.R. Part 63, Subpart A – NESHAP General Provisions. For a full text of the federal standard, please refer to 40 C.F.R. Part 63, Subpart WWWWWW.

NESHAP Subpart WWWWWW is adopted and incorporated by reference in LRAPA title 44.

- 3.2. NESHAP Compliance Dates**
- For an existing affected source (began construction or reconstruction on or before March 14, 2008), the permittee must have achieved compliance with the applicable requirements by July 1, 2010.
- For a new affected source (began construction or reconstruction after March 14, 2008), the permittee must be in compliance with applicable requirements upon startup.

- 4.0 NON-CYANIDE ELECTROLYTIC TANKS**
- The requirements within this section apply to all non-cyanide electroplating, electroforming, or electropolishing tanks (hereafter referred to as ‘electrolytic’ process tanks) that contain one or more plating and polishing metal hazardous air pollutants and that operates at a pH of less than 12. [40 CFR 63.11507(a)]

4.1. Compliance Options and Associated Requirements

The permittee must not use any wetting agent or fume suppressants that contain per- or polyfluoroalkyl substances. For permittees that are already using these substances upon assignment to this permit, the permittee may continue to use any inventory that is already purchased until the inventory is depleted.

The permittee must comply with all of the applicable management practices in Condition 10 and either 4.1(a), (b), or (c) for each affected electrolytic process tanks:

a. **Use a wetting agent/fume suppressant in the bath of the affected tank(s).**

- i. **Initial Makeup:** The permittee must initially add the wetting agent/fume suppressant in the amounts recommended by the manufacturer for the specific type of electrolytic process; [40 CFR 63.11507(a)(1)(i)]
- ii. **Additions:** The permittee must add wetting agent/fume suppressant in proportion to the other bath chemistry ingredients that are added to replenish the bath, as in the original make-up of the bath, or in proportions such that the bath contents are returned to that of the original make-up of the bath. The permittee must retain sufficient documentation of each addition to demonstrate that wetting agent/fume suppressants added to the tank comply with the original make-up of the tank; [40 CFR 63.11507(a)(1)(ii)]
- iii. **Bath Chemicals with Suppressants:** If a wetting agent/fume suppressant is included in the electrolytic process bath chemicals used in the affected tank according to the manufacturer's instructions, it is not necessary to add additional wetting agent/fume suppressants to the tank to comply with this condition. The permittee must retain manufacturer's instructions and any associated records necessary to demonstrate that the instructions have been followed; [40 CFR 63.11507(a)(1)(iii)]
- iv. **Records:** The permittee must retain sufficient documentation to demonstrate that wetting agent/fume suppressants added to the tank bath are in the original makeup of the tank. The permittee must retain manufacturer information or other

detailed product information (e.g., SDS) for each wetting agent/fume suppressant used in each affected tank. [40 CFR 63.11509(e) and LRAPA 34-016(1)]

- b. Notification of Compliance Status: In addition to the notification of compliance status requirements of Condition 12.2, the permittee must state whether wetting agent/fume suppressants are added to the bath according to the manufacturer's specifications and instructions.
- Capture and exhaust emissions from the affected tank(s) to a control device. Control devices must be either a composite mesh pad, packed bed scrubber, or mesh pad mist eliminator.** [40 CFR 63.11507(a)(2) and 63.11508(d)(3)(iii)]
- i. Ongoing: The permittee must operate and maintain all control devices according to the manufacturer's specifications and operating instructions. [40 CFR 63.11508(d)(2)]
 - ii. Control System Malfunction/Failure: The permittee must take immediate corrective actions following a malfunction or failure of the control device according to manufacturer specifications and operating instructions. [40 CFR 63.11508(d)(4)(ii)]
 - iii. Control System Records: The permittee must maintain records of all control system inspections, deviations from proper operations, and corrective actions taken. The permittee must maintain manufacturer's specifications and operating instructions at the facility and at all times be kept in a location readily accessible by the operators. [40 CFR 63.11508(d)(4)]
 - iv. Notification of Compliance Status: In addition to the notification of compliance status requirements of Condition 12.2, the permittee must state whether the control device(s) were installed and operated according to the manufacturer's specifications and instructions. [40 CFR 63.11508(d)(4)]
- c. **Cover the surface of the affected tank(s).** [40 CFR 63.11507(a)(3)]
- i. For Batch process tanks:
 - A. Cover Requirement: The permittee must install and use a tank cover over all of the effective surface area of the tank for at least

95 percent of the electrolytic process operating time. The permittee must record the times that the tank is operated and the times the tank is covered on a daily basis.

B. Notification of Compliance Status: In addition to the notification of compliance status requirements of Condition 12.2, the permittee must state whether the affected tank(s) are operated with the cover in place at least 95 percent of the electrolytic process time. [40 CFR 63.11508(d)(6)]

ii. For Continuous process tanks\

A. Cover Requirement: The permittee must cover at least 75 percent of the surface area of the tank whenever the electrolytic process tank is in operation. [40 CFR 63.11508(d)(7)(i)]

B. Notification of Compliance Status: In addition to the notification of compliance status requirements of Condition 12.2, the permittee must state whether the tank is operated with the surface cover in place whenever the continuous electrolytic process is in operation. [40 CFR 63.11508(d)(7)(ii)]

5.0 FLASH OR SHORT-TERM ELECTROPLATING TANK

The requirements within this section apply to all ‘flash’ or short-term electroplating tanks (AKA ‘flash’ process tanks) that uses or emits one or more plating and polishing metal hazardous air pollutants. [40 CFR 63.11507(b)]

5.1. Compliance Options and Associated Requirements

The permittee must comply with all of the applicable management practices in Condition 10 and either 5.1(a) or (b) for each affected flash process tanks:.

a. **Limit flash electroplating to no more than one (1) cumulative hour per day or three (3) cumulative minutes per hour of plating time.**

i. Operational Time: The permittee must record the times that the affected tank is operated each day.

ii. Notification of Compliance Status: In addition to the notification of compliance status requirements of Condition 12.2, the permittee must state whether each affected tank is limited to no more than one (1) cumulative hour per day, or three (3) cumulative minutes per hour of plating time. [40 CFR 63.11507(b)(1) and 63.11508(d)(5)]

b. Use a tank cover for at least 95 percent of the plating time.

i. Cover: The permittee must install a tank cover on each affected tank and ensure the cover is in place for at least 95 percent of the plating time. The permittee must record the times that the tank is operated and the times the tank is covered on a daily basis. [40 CFR 63.11507(b)(2)]

ii. Notification of Compliance Status: In addition to the notification of compliance status requirements of Condition 12.2, the permittee must state whether each affected tank is operated with a cover in place for at least 95 percent of the operating time. [40 CFR 63.11508(d)(6)]

**6.0 BOTH
FLASH AND
LONGER
TERM
TANK USE**

For any process tank used in both flash electroplating and electrolytic processing for longer duration(s), the permittee must operate according to the requirements applicable to the specific process at any given time: [40 CFR 63.11507(c)]

- While the process tank is being used for flash electroplating, the permittee must comply with all applicable requirements of Condition 5.0.
- When the process tank is used for electroplating that does not meet the definition of flash electroplating, the permittee must comply with all applicable requirements of Condition 4.0. [40 CFR 63.11511]

The permittee must also comply with the applicable management practices in Condition 10.

**7.0 CYANIDE-
CONTAININ
G
PROCESS
TANKS**

The requirements within this section apply to all electroplating tanks that use cyanide in the plating bath, operates at pH greater than 12, and contains one of more of the plating and polishing metal hazardous air pollutants. [40 CFR 63.11507(d)]

**7.1. Compliance
Requirements
Tank That Uses
Cyanide**

For each affected process tank the permittee must comply with all of the applicable management practices in Condition 10 and the following requirements:

- a. Measure and Record: The permittee must measure and record the pH of the tank upon start-up of the bath. No

additional pH measurements are required. [40 CFR 63.11507(d)(1) and 40 CFR 63.11509(e)]

- b. Notification of Compliance Status: In addition to the notification of compliance status requirements of Condition 12.2, the permittee must state whether the pH of the of the bath solution for each affected tank was measured upon startup according to Condition 7.1a. [40 CFR 63.11508(c)(7)(i)]

8.0 DRY MECHANICAL POLISHING

The requirements within this section apply to all dry mechanical polishing machines that emit one or more of the plating and polishing metal hazardous air pollutants. [40 CFR 63.11507(e)]

8.1. Control System, Filter, and Compliance Requirements

The permittee must operate a control system that captures particulate matter (PM) emissions from the dry mechanical polishing process and transports the emissions to a cartridge, fabric, or high efficiency particulate air (HEPA) filter. [40 CFR 63.11507(e)]

- a. Ongoing: The permittee must operate and maintain all capture and control devices according to the manufacturer's specifications and operating instructions. [40 CFR 63.11507(e)(1)]
- b. Control System Malfunction/Failure: The permittee must take immediate corrective actions following a malfunction or failure of each control device according to manufacturer specifications and operating instructions. [40 CFR 63.11508(d)(4)(ii)]
- c. Control System Records: The permittee must maintain records of all control system inspections, deviations from proper operations, and corrective actions taken. The permittee must keep the manufacturer's specifications and operating instructions at the facility at all times in a location where they can be easily accessed by the operators. [40 CFR 63.11507(e)(2), 63.11508(d)(4)(iv) and (v), and 40 CFR 63.11509(e)]
- d. Notification of Compliance Status: In addition to the notification of compliance status requirements of Condition 12.2, the permittee must state whether each control system was installed and operated according to the manufacturer's specifications and instructions. [40 CFR 63.11508(c)(2)(ii)]

9.0 THERMAL

The requirements within this section apply to each thermal

SPRAYING OPERATIO N

spraying operation that applies one or more of the plating and polishing metal hazardous air pollutants. The permittee must comply with all of the applicable management practices in Condition 10. [40 CFR 63.11507(f)]

9.1. Permanent Thermal Spraying Operation

The permittee must meet operate a capture system that collects PM emissions from each permanent thermal spraying process and transports the emissions to a fabric, cartridge, or HEPA filter; a permanent thermal spraying operation constructed on or before March 14, 2008 may transport the emissions to a water curtain. [40 CFR 63.11507(f)(1) and (2)]

- a. Control System O&M: The permittee must operate all capture and control devices according to the manufacturer's specifications and instructions. [40 CFR 63.11508(d)(4)(i)]

- b. Control System Instructions: The permittee must the maintain manufacturer's specifications and operating instructions at the facility and at all times be kept in a location readily accessible by the operators. . [40 CFR 63.11508(d)(4)(v)]

- c. Control System Malfunction/Failure: The permittee must take immediate corrective actions following a malfunction or failure of each control device according to manufacturer specifications and operating instructions. [40 CFR 63.11508(d)(4)(ii)]

- d. Control System Records: The permittee must maintain records of all control system inspections, deviations from proper operations, and corrective actions taken. [40 CFR 63.11508(d)(4)(iiv)]

- e. Notification of Compliance Status: In addition to the notification of compliance status requirements of Condition 12.2, the permittee must state whether each control system was installed and operated according to the manufacturer's specifications and instructions.[40 CFR 63.11508(c)(2)(ii)]

ii.

9.2. Temporary Thermal Spraying Operations

The permittee must document the amount of time the thermal spraying occurs each day, and where it is conducted. Thermal spraying operations complying with this Condition 9.2 instead of Condition 9.1 must not operate more than one (1) hour in any one day and must meet the definition of ‘temporary thermal spraying’ in Condition 16. [40 CFR 63.11507(f)(3) and 63.11511]

- a. Notification of Compliance Status: In addition to the notification of compliance status requirements of Condition 12.2, the permittee must state whether the management practices of Condition 10 have been implemented.

10.0 MANAGEMENT PRACTICES AND S.O.P.

The requirements within this section apply to each affected new or existing plating and polishing process unit, identified within Conditions 4.0 through 9.0, that contains, applies, or emits one or more of the plating and polishing metal HAP.

10.1. Management Practices

The permittee must comply with all of the following management practices during all times that the affected tank or process is in operation:[40 CFR 63.11507(g)]

- a. Minimize Bath Agitation. The permittee must minimize bath agitation when removing any parts processed in the tank, except when necessary to meet part quality requirements.
- b. Maximize Draining. The permittee must maximize the draining of bath solution back into the tank, by extending drip time when removing parts from the tank; using drain boards (also known as drip shields); or withdrawing parts slowly from the tank.
- c. Optimize Design. The permittee must optimize the design of barrels, racks, and parts to minimize dragout of bath solution (such as by using slotted barrels and tilted racks, or by designing parts with flow-through holes to allow the tank solution to drip back into the tank).
- d. Use Tank Covers. The permittee must use tank covers, if already owned and available at the facility. Permittees must also comply with the following, as applicable: [LRAPA 37-0069(1) and OAR 340-245-0110]
- i. Permittees operating tanks that emit nickel must have tank covers installed and operated according to Condition 4.0 or 5.0, as applicable, no later than January 1, 2022 unless otherwise approved by

LRAPA in writing.

- ii. Permittees that install or begin operating a new or additional tank that emits nickel after January 1, 2022 must have tank covers installed upon startup of the nickel-containing tank.
- e. Minimize or Reduce Heating. The permittee must minimize or reduce heating of process tanks, when doing so would not interrupt production or adversely affect part quality.
- f. Perform Routine Maintenance. The permittee must perform regular repair, maintenance, and preventive maintenance of racks, barrels, and other equipment associated with tanks, thermal spraying, and dry mechanical polishing equipment..
- g. Minimize Contamination. The permittee must minimize bath contamination, such as through the prevention or quick recovery of dropped parts, use of distilled/de-ionized water, water filtration, pre-cleaning of parts to be plated, and thorough rinsing of pretreated parts to be plated.
- h. Maintain Chemicals. The permittee must maintain quality control of chemicals, and chemical and other bath ingredient concentrations in the tanks.
- i. Housekeeping. The permittee must perform general good housekeeping, such as regular sweeping or vacuuming, if needed, or periodic washdowns.
- j. Minimize Spills. The permittee must minimize spills and overflow of tanks.
- k. Use Squeegee Rolls. The permittee must use squeegee rolls in continuous or reel-to-reel plating tanks.
- l. Perform Inspections. The permittee must perform regular inspections to identify leaks and other opportunities for pollution prevention.

10.2. Standard Operating Procedures

The permittee must establish and maintain a written Standard Operating Procedures manual (or equivalent) that describes how the facility's specific processes and procedures comply with each management practice of Condition 10.1. An SOP compliant with this Condition must be developed and retained on site within six (6) months of assignment to this permit or upon startup, whichever is later.

For management practices that are not applicable to any emissions units on site or otherwise not implemented, the SOP must explain why (*e.g.*, 'Facility X does not implement the squeegee roll management practice because there are no continuous or reel-to-reel plating tanks on site).

12.0 RECORDKEEPING REQUIREMENTS

12.1. General Compliance and Applicability Records

The permittee must keep the following records: [40 CFR 63.11509(e) and LRAPA 34-016]

- a. Notifications: A copy of any Initial Notification and Notification of Compliance Status that was submitted and all documentation supporting those notifications.
- b. Startup and Shutdowns: The occurrence and duration of each startup or shutdown when the startup or shutdown causes the source to exceed any applicable emission limitation in the relevant emission standards.
- c. Malfunctions: The occurrence and duration of each malfunction of operation (*i.e.*, process equipment) or the required air pollution control and monitoring equipment.
- d. Maintenance: All maintenance performed on the process equipment (tanks, dry mechanical polishing, and thermal spraying), air pollution control equipment, and monitoring equipment.
- e. Continuous Compliance: The records required to show continuous compliance with each management practice and equipment standard that applies.
- f. Manufacturer Documentation: The manufacturer documentation for any equipment or process that is required to comply according to manufacturer recommendations, instructions, or specifications.
- g. Ampere Hours: The total ampere hours for each tank that uses or has emissions of one or more of the plating and polishing metal HAPs (cadmium, chromium, lead, manganese, nickel).
 - i. Permittees being reassigned to this permit without the equipment necessary to monitor tank ampere hours may request that LRAPA provide additional time for the procurement and installation of this equipment.
 - ii. Requests must be submitted in writing to LRAPA no later than 30 days after assignment to this permit and include a description of the equipment

that will need to be procured and an estimated date on which the permittee believes installation will be completed.

- iii. Requests must be submitted to the appropriate address in Condition 13.3. LRAPA may approve additional time but will require the installation and operation of equipment which provides for tank ampere hour recordkeeping no later than July 1, 2022.

12.2. Excess Emissions

The permittee must maintain records of excess emissions as defined in LRAPA title 36 (recorded upon occurrence). Typically, excess emissions are caused by process upsets, startups, shutdowns, or scheduled maintenance. In many cases, excess emissions are evident when visible emissions are greater than 20% opacity for 3 minutes or more in any 60 minute period.

12.3. Retention of Records

Unless otherwise specified, the permittee must retain all records for a period of at least five (5) years from the date of each report or record and make them available to LRAPA upon request. The permittee must maintain at least two (2) most recent years of records or otherwise readily available electronically for expeditious review during an on-site inspection. [40 CFR 63.11509(f) and LRAPA 34-016(5)]

12.4. Complaint Log

The permittee must maintain a log of all complaints that specifically refer to air pollution, odor, or nuisance concerns associated to the permitted facility. The permittee must investigate the condition within 24 hours, if possible. The log must include at least the following for each complaint or concern received: [LRAPA 34-016(1)]

The date the complaint was received;

- a. The date and time the complaint states the condition was present;
- b. A description of the complaint;
- c. The location of the complainant or receptor relative to the plant site;
- d. The status of plant operations and activities during the complaint's stated time of pollution or odor condition;
- e. A description of the permittee's actions to investigate the validity of the complaint; and
- f. A description of any actions taken in response to the complaint investigation.

13.0 REPORTING REQUIREMENTS

13.1. NESHAP Initial Notification

The permittee must submit an initial if one has never been submitted, if the source is newly constructed and beginning operations, or upon request by LRAPA. An initial notification must comply the following: [40 CFR 63.11509(a)]

- a. Source Information Required: The notification must include the name and address of the owner or operator, the address (physical location) of the affected source, an identification of the relevant standard (NESHAP 6W), the permittee's compliance date, identification of the emission points at the permitted facility, types of hazardous air pollutants emitted, and a brief description of the nature, size, design, and method of operations;
- b. Compliance Methods: The notification must include a description of the compliance method(s) (e.g., use of wetting agent/fume suppressant) for each affected emissions unit;
- c. Due Date: The initial notification is due to LRAPA within 120 days of the source becoming subject to NESHAP 6W.
- d. Where to Send: Initial notifications must be submitted to the LRAPA office:

Lane Regional Air Protection Agency
1010 Main Street
Springfield, OR 97477

13.2. NESHAP Notification of Compliance Status

The permittee must submit a notification of compliance status if one has never been submitted, if the source is newly constructed and beginning operations, or upon request by LRAPA.

If the permittee makes any changes that result in inaccurate information on the most recently submitted Notification of Compliance Status, the permittee must submit an amended notification of compliance status within 30 days of the change. The report information for which changes would require an amended notification are identified below with '30-day change notification required'.

The Notification of Compliance Status report must comply with all of the following: [40 CFR 63.11509(b)]

- a. Information Required. The report must contain the following information:

- i. List of affected emissions units (tanks, thermal spraying, and dry mechanical polishing) and whether cadmium, chromium, lead, manganese, or nickel are used in, or emitted by, those emissions units **[30-day change notification required]**;
 - ii. Identification or description of the methods used to comply with the applicable management practices and equipment standards;
 - iii. Description of the capture and emission control systems used to comply with the applicable equipment standards **[30-day change notification required]**;
 - iv. Additional information, as applicable, identified under 'Notification of Compliance Status' throughout this permit for each emissions unit. (Note that each type of emissions unit covered by this permit identifies unique information that must be included with the Notification of Compliance Status); and
 - v. A statement by the owner or operator of the facility as to whether all management practices required by Condition 10 have been implemented.
 - vi. A statement by the owner or operator of the facility as to whether the source is in compliance with the applicable standards and requirements **[30-day change notification required]**.
- e. Due Dates: A new affected source is required to submit a notification of compliance status before close of business on the date of initial startup. An existing source was required to submit a notification of compliance status no later than July 1, 2010.

Where to Send: The first and any amended Notification of Compliance Status must be submitted to the LRAPA office as listed below.

Lane Regional Air Protection Agency
1010 Main Street
Springfield, OR 97477

13.3. Annual Report

For each year this permit is in effect, the permittee must submit to LRAPA by **February 15** one (1) copy of an annual report for the

previous calendar year that includes at least the following:
[LRAPA 34-016(1)&(2) and 40 CFR 63.11509(c)]

- a. A statement or certification of whether all applicable management practices have been implemented on site; [40 CFR 63.11508(d)(8)(i)]
- b. A statement certifying whether any deviations of the requirements of this permit occurred during the reporting period. If any deviations occurred, the annual report must also include: [40 CFR 63.11509(d)]
 - i. Identification of the process tank or operation associated with the deviation;
 - ii. The date and time the deviation occurred;
 - iii. The permit Condition or description of the compliance requirement deviated from; and
 - iv. A description of the deviation and a description of the correction action(s) taken.
- c. A summary of complaints received relating to air quality concerns and the permittee's response or follow-up action(s); [LRAPA 34-016(5)]
- d. A description of any permanent changes made to processes or equipment that may affect air emissions; [LRAPA 34-016(5)]
- e. **For each electrolytic process tank using wetting agents or fume suppressants** to comply with Condition 4.1, the permittee must include the following: [LRAPA 34-016(5) and 40 CFR 63.11508(d)(3)]
 - i. The process or tank name or identification number;
 - ii. The type of electrolytic process;
 - iii. The name and type of wetting agent or fume suppressant used and the date(s) of each addition;
 - iv. A statement certifying that per- or polyfluoroalkyl substances are not used on site or a statement certifying how much of these products remain on site; and
 - v. Certification that the addition(s) were completed following the manufacturer's specifications and instructions.
- f. **For each electrolytic process tank, dry mechanical polishing operation, and thermal spraying operation**

complying with the applicable requirements by using a control device, the permittee must include the following: [LRAPA 34-016(5) and 40 CFR 63.11508(d)(4)]

- i. The process, operation, or tank name or identification number;
 - ii. The type of electrolytic process or other operation; and
 - iii. Certification that the control device(s) and system(s) were operated and maintained according to manufacturer's specifications and instructions.
- g. **For each flash process tank limiting the hours or minutes** to comply with Condition 5.1, the permittee must include the following: [LRAPA 34-016(5) and 40 CFR 63.11508(d)(5)]
- i. The tank name or identification number;
 - ii. The process or tank type; and
 - iii. Certification that the tank was limited to one hour per day or 3 minutes per hour.
- h. **For each batch electrolytic process tank and each flash process tank using a cover** to comply with Condition 4.1.c or 5.1.b, the permittee must include the following: [LRAPA 34-016(5) and 40 CFR 63.11508(d)(6)]
- i. The tank name or identification number;
 - ii. The process or tank type; and
 - iii. Certification that the tank was operated with the cover in place for at least 95% of the electrolytic processing time.
- i. **For each continuous electrolytic process tank using a cover** to comply with Condition 4.1.c, the permittee must include the following: [LRAPA 34-016(5) and 40 CFR 63.11508(d)(7)]
- The tank name or identification number;
- iv. The process or tank type; and
 - v. Certification that the tank was operated with at least 75% of the tank surface area covered during all electrolytic processing time.
- j. Total ampere hours for each tank that uses or has emissions of one or more of the plating and polishing metal HAPs (cadmium, chromium, lead, manganese,

nickel). [LRAPA 34-016(5)]

- 13.4. Excess Emissions** The permittee must notify LRAPA by telephone or in person of any excess emissions which are of a nature that could endanger public health.
- a. Such notice must be provided as soon as possible, but never more than one hour after becoming aware of the problem. Notice must be made to the LRAPA office identified in Condition 13.2.
 - b. If the excess emissions occur during non-business hours, the permittee must notify LRAPA by calling the Oregon Emergency Response System (OERS). The current number is 1-800-452-0311.
 - c. The permittee must also submit follow-up reports when required by LRAPA.
- 13.5. Initial Startup Notice** The permittee must notify LRAPA in writing of the date a new facility is started up. The notification must be submitted no later than seven (7) days after startup.
- 13.6. Notice of Change of Ownership or Company Name** The permittee must notify LRAPA in writing using a LRAPA “Permit Application Form” within 60 days after the following:
- a. Legal change of the name of the company as registered with the Corporations Division of the State of Oregon; or
 - b. Sale or exchange of the activity or facility.
- 13.7. Construction or Modification Notices** The permittee must notify LRAPA in writing using a LRAPA “Notice of Intent to Construct Form,” or other permit application form, and obtain approval in accordance with LRAPA title 34 before:
- a. Constructing, installing, or establishing a new stationary source that will cause an increase in any regulated pollutant emissions;
;
 - b. Making any physical change or change in operation of any existing stationary source that will cause an increase, on an hourly basis at full production, in any regulated pollutant emissions; or
 - c. Constructing or modifying any air pollution control equipment.
- 13.8. Where to Send** The reports, with the permit number prominently displayed, must

**Reports and
Notices**

be sent to LRAPA as identified in Condition 13.2.

14.0 ADMINISTRATIVE REQUIREMENTS

- 14.1. Reassignment to the General ACDP** A permittee that wishes to continue assignment to this General ACDP must submit to LRAPA an application for reassignment as follows:
- The application must be received by LRAPA within 30 days prior to the expiration date listed on this permit;
 - The application must be sent to the LRAPA office identified in Condition 13.3; and
 - The permittee may submit an application for either a Simple or Standard ACDP at any time, but the permittee must continue to comply with the General ACDP until LRAPA takes final action on the Simple or Standard ACDP application.
- 14.2. Permit Coordinator Address** All reports, notices, and applications should be directed to LRAPA as follows:
Lane Regional Air Protection Agency
1010 Main Street
Springfield, OR 97477
541-736-1056
- 14.3. LRAPA's web site** Information about air quality permits and the LRAPA's regulations may be obtained from the LRAPA web page at www.lrapa.org.

15.0 FEES

- 15.1. Annual Compliance Fee** The annual fee specified in LRAPA 37-0020, Table 2, Part 2 and 3 for a General ACDP is due on **December 1** of each year this permit is in effect. An invoice indicating the amount, as determined by LRAPA regulations, will be mailed prior to this date.
- 15.2. Change of Ownership or Company Name Fee** The non-technical permit modification fee specified in LRAPA 37-0020, Table 2, Part 4 is due with an application for changing the ownership or the name of the company of a source assigned to this permit. Forms that require fees must be sent together to the address in Condition 14.3.

- 15.3. Where to Submit Fees** Fees must be submitted to:
Lane Regional Air Protection Agency
1010 Main Street
Springfield, Oregon 97477

16.0 GENERAL CONDITIONS AND DISCLAIMERS

- 16.1. Other Regulations** In addition to the specific requirements listed in this permit, the permittee must comply with all other legal requirements enforceable by LRAPA.
- 16.2. Conflicting Conditions** In any instance in which there is an apparent conflict relative to conditions in this permit, the most stringent conditions apply.
- 16.3. Masking of Emissions** The permittee must not cause or permit the installation of any device or use any means designed to mask the emissions of an air contaminant that causes or is likely to cause detriment to health, safety, or welfare of any person or otherwise violate any other regulation or requirement.
- 16.4. LRAPA Access** The permittee must allow LRAPA's representatives access to the plant site and pertinent records at all reasonable times for the purposes of performing inspections, surveys, collecting samples, obtaining data, reviewing and copying air contaminant emissions discharge records and conducting all necessary functions related to this permit in accordance with ORS 468.095.
- 16.5. Permit Availability** The permittee must have a copy of the permit available at the facility at all times.
- 16.6. Outdoor Burning** The permittee may not conduct any outdoor burning except as allowed by LRAPA title 47.
- 16.7. Asbestos** The permittee must comply with the asbestos abatement requirements in LRAPA title 43 for all activities involving asbestos-containing materials, including, but not limit to, demolition, renovation, repair, construction, and maintenance.
- 16.8. Property Rights** The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of federal, state, or local laws or regulations.
- 16.9. Termination, Revocation, or Modification** LRAPA may modify or revoke this permit pursuant to LRAPA title 37.

17.0 ABBREVIATIONS, ACRONYMS, AND DEFINITIONS

6W	40 C.F.R. part 63 subpart WWWWW as adopted in LRAPA title 44	MSDS	material safety data sheet
ACDP	Air Contaminant Discharge Permit	NA	not applicable
AQGP	Air Quality General Permit	NAICS	North American Industry Classification System
calendar year	The 12-month period beginning January 1st and ending December 31st	NESHAP	National Emissions Standards for Hazardous Air Pollutants
CAO	Cleaner Air Oregon	Ni	Nickel
Cd	Cadmium	OAR	Oregon Administrative Rules
CFR	Code of Federal Regulations	ORS	Oregon Revised Statutes
Cr	Chromium	O&M	operation and maintenance
DEQ	Oregon Department of Environmental Quality	Pb	lead
EPA	US Environmental Protection Agency	PM ₁₀	particulate matter less than 10 microns in size
HAP	Hazardous Air Pollutant as defined LRAPA title 44	PM _{2.5}	particulate matter less than 2.5 microns in size
HEPA	high efficiency particulate air	PSEL	Plant Site Emission Limit
LRAPA	Lane Regional Air Protection Agency	SIC	Standard Industrial Code
metal HAP	Cadmium, chromium, nickel, manganese, and lead	SOP	Standard operating procedures
Mn	Manganese	VE	visible emissions
		VOC	volatile organic compound
		year	A period consisting of any 12- consecutive calendar months

Definition:

Temporary Thermal Spraying means a thermal spraying operation that uses or emits any of the plating and polishing metal HAP, as defined in Condition 1.1.b, and that lasts no more than 1 hour in duration during any one day and is conducted in situ. Thermal spraying that is conducted in a dedicated thermal spray booth or structure is not considered to be temporary thermal spraying. [40 CFR 63.11511]

Jce: 03/02/10

MKH 05/05/11: rcl 8/30/11

DRD 6/1/20. MKH 9/24/21
AQGP-026 plating and polishing