

**ENVIRONMENTAL COMPLIANCE APPROVAL**

NUMBER A-500-2168470478

Version: 1.0

Issue Date: March 24, 2023

*Pursuant to section 20.3 of the Environmental Protection Act, Revised Statutes of Ontario (R.S.O.) 1990, c. E. 19 and subject to all other applicable Acts or regulations this Environmental Compliance Approval is issued to:*

PLACAGE AU CHROME DE L'ONTARIO INC. ONTARIO  
CHROMIUM PLATING INC.

1328 SPEERS ROAD  
OAKVILLE ONTARIO  
L6L 2X4

*For the following site:*

1328 SPEERS Road , OAKVILLE, OAKVILLE, ONTARIO, CANADA, L6L 2X4

Upon issuance of the environmental compliance approval, I hereby revoke Approval No(s) 7319-AAAJG2, issued on June 10, 2016.

*You have applied under section 20.2 of Part II.1 of the Environmental Protection Act, R.S.O. 1990, c. E. 19 (Environmental Protection Act) for approval of:*

- one (1) baghouse dust collector, serving sand blasting operations, equipped with a manual shaker cleaning mechanism, and fugitively discharging into the facility through a stack designated COL-01;
- one (1) mist eliminator, serving the caustic strip tank, discharging to the air at a maximum volumetric flow rate of 1.2 cubic metres per second, through a stack identified as source COL-02 having an exit diameter of 0.425 metre, and extending 3.35 metres above the roof;
- one (1) wet-type mesh pad scrubber, serving four (4) chrome plating tanks, discharging to the air at a total volumetric flow rate of 6.3 cubic metres per second, through a roof stack identified as source SCB-01 having exit dimensions of 0.82 metre by 1.0 metres, and extending 3.96 metres above the roof and 11.4 metres above grade;
- polishing operations, served by cartridge filters which discharge into the facility;
- grinding and honing operations, served by two (2) mist eliminator filters which discharge into the facility;

all in accordance with the Application for Approval (Air & Noise) submitted by Placage au Chrome de l'Ontario Inc., dated March 8, 2022 and signed by Justin Henri; the supporting information, including the Emission Summary and Dispersion Modelling Report, submitted by Ortech Consulting Inc., dated February 22, 2022 and signed by Ibrahim Syed; the Acoustic Assessment Report prepared by HGC Engineering, dated January 6, 2022 and signed by Petr Chocensky, PhD, P.Eng.; and, all other documentation associated with the Application.

## DEFINITIONS

*For the purpose of this environmental compliance approval, the following definitions apply:*

1. "Acoustical Consultant" means a person currently active in the field of environmental acoustics and noise/vibration

control, who is familiar with Ministry noise guidelines and procedures and has a combination of formal university education, training and experience necessary to assess noise emissions from a Facility.

2. "Acoustic Assessment Report" means the report, prepared in accordance with Publication NPC-233 submitted in support of the application, that documents all sources of noise emissions and Noise Control Measures present and proposed at the Facility. "Acoustic Assessment Report" also means the report prepared by HGC Engineering, dated January 6, 2022 and signed by Petr Chocensky, PhD, P.Eng.
3. "Acoustic Audit" means an investigative procedure consisting of measurements and/or acoustic modelling of all sources of noise emissions due to the operation of the Facility, assessed to determine compliance with the performance limits for the Facility regarding noise emissions, completed in accordance with the procedures set in Publication NPC-103 and reported in accordance with Publication NPC-233.
4. "Acoustic Audit Report" means a report presenting the results of an Acoustic Audit, prepared in accordance with Publication NPC-233.
5. "Approval" means this Environmental Compliance Approval, including the application and supporting documentation listed above;
6. "Company" means Placage au Chrome de l'Ontario Inc. that is responsible for the construction or operation of the Facility and includes any successors and assigns in accordance with section 19 of the EPA;
7. "District Manager" means the District Manager of the appropriate local district office of the Ministry, where the Facility is geographically located;
8. "EPA" means the *Environmental Protection Act*, R.S.O. 1990, c.E.19;
9. "Equipment" means the equipment and processes described in the Company's application, the Technical Standard(s) for which the Company is registered on the Technical Standards Registry, this Approval and in the supporting documentation submitted with the application, to the extent approved by this Approval;
10. "Facility" means the entire operation located on the property where the Equipment is located;
11. "Independent Acoustical Consultant" means an Acoustical Consultant who is not representing the Company and was not involved in preparing the Acoustic Assessment Report or the design/implementation of Noise Control Measures for the Facility and/or Equipment. The Independent Acoustical Consultant shall not be retained by the Acoustical Consultant involved in the noise impact assessment or the design/implementation of Noise Control Measures for the Facility and/or Equipment.
12. "Manual" means a document or a set of documents that provide written instructions to staff of the Company;
13. "Ministry" means the ministry of the government of Ontario responsible for the EPA and includes all officials, employees or other persons acting on its behalf;
14. "Noise Control Measures" means measures to reduce the noise emission from the Facility including, but not limited to silencers, acoustic louvres, enclosures, absorptive treatment, plenums and barriers, as outlined in the Acoustic Assessment Report.
15. "Publication NPC-103" means the Ministry Publication NPC-103 of the Model Municipal Noise Control By-Law, Final Report, August 1978, as amended.
16. "Publication NPC-233" means the Ministry Publication NPC-233, "Information to be Submitted for Approval of Stationary Sources of Sound", October 1995, as amended.
17. "Publication NPC-300" means the Ministry Publication NPC-300, "Environmental Noise Guideline, Stationary and Transportation Sources - Approval and Planning, Publication NPC-300", August 2013, as amended.
18. "Technical Standard" has the same meaning as in section 1 of O. Reg. 419/05.
19. "Technical Standards Registry" means the Ministry's Technical Standards Registry - Air Pollution for Technical Standard registrations described in section 39 of O. Reg. 419/05 made under the EPA.

# TERMS AND CONDITIONS

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*You are hereby notified that this environmental compliance approval is issued to you subject to the terms and conditions outlined below:*

## 1. OPERATION AND MAINTENANCE

1. The Company shall ensure that the Equipment is properly operated and maintained at all times. The Company shall:
  - a. prepare, not later than three (3) months after the date of this Approval, and update, as necessary, a Manual outlining the operating procedures and a maintenance program for the Equipment, including:
    - i. routine operating and maintenance procedures in accordance with good engineering practices and as recommended by the Equipment suppliers;
    - ii. emergency procedures, including spill clean-up procedures;
    - iii. procedures for any record keeping activities relating to operation and maintenance of the Equipment;
    - iv. all appropriate measures to minimize noise and odorous emissions from all potential sources; and
    - v. routine inspections and replacement of filter material, packing material and scrubbing agents associated with the Equipment as per the Equipment manufacturer's specifications.
  - b. implement the recommendations of the Manual.
2. Condition 1.1 does not apply with respect to any Equipment which has requirements under a Technical Standard for which the Company is registered that are equivalent to the operating procedures and maintenance programs set out in Condition 1.1.
3. Condition 1.2 does not apply with respect to procedures to prevent and/or minimize noise emissions.

## 2. RECORD RETENTION

1. The Company shall retain, for a minimum of two (2) years from the date of their creation, all records and information related to or resulting from the recording activities required by this Approval, and make these records available for review by staff of the Ministry upon request. The Company shall retain:
  - a. all records on the maintenance, repair and inspection of the Equipment; and
  - b. all records of any environmental complaints, including:
    - i. a description, time and date of each incident to which the complaint relates;
    - ii. wind direction at the time of the incident to which the complaint relates; and
    - iii. a description of the measures taken to address the cause of the incident to which the complaint relates and to prevent a similar occurrence in the future.

## 3. NOTIFICATION OF COMPLAINTS

1. The Company shall notify the District Manager, in writing, of each environmental complaint within two (2) business days of the complaint. The notification shall include:
  - a. a description of the nature of the complaint; and
  - b. the time and date of the incident to which the complaint relates.
2. Condition 3.1 does not apply with respect to Equipment which has requirements under a Technical Standard for which the Company is registered that are equivalent to the complaints recording and response procedures set

out in Condition 3.1.

3. Condition 3.2 does not apply with respect to complaints recording and responses procedures pertaining to noise emissions.

#### **4. NOISE**

1. The Company shall:

- a. implement by not later than six (6) months from the date of this Approval, the Noise Control Measures as outlined in the Acoustic Assessment Report;
- b. ensure, subsequent to the implementation of the proposed Noise Control Measures that the noise emissions from the Facility comply with the limits set in Ministry Publication NPC-300; and
- c. ensure that the Noise Control Measures are properly maintained and continue to provide the acoustical performance outlined in the Acoustic Assessment Report.

#### **5. ACOUSTIC AUDIT**

1. The Company shall carry out Acoustic Audit measurements on the actual noise emissions due to the operation of the Facility. The Company:

- a. shall carry out Acoustic Audit measurements in accordance with the procedures in Publication NPC-103;
- b. shall submit an Acoustic Audit Report on the results of the Acoustic Audit, prepared by an Independent Acoustical Consultant, in accordance with the requirements of Publication NPC-233, to the District Manager and the Director, not later than twelve (12) months after the date of this Approval.

2. The Director:

- a. may not accept the results of the Acoustic Audit if the requirements of Publication NPC-233 were not followed;
- b. may require the Company to repeat the Acoustic Audit if the results of the Acoustic Audit are found unacceptable to the Director.

## **REASONS**

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*The reasons for the imposition of these terms and conditions are as follows:*

1. Condition No. 1 is included to emphasize that the Equipment must be maintained and operated according to a procedure that will result in compliance with the EPA, the Regulations and this Approval.
2. Condition No. 2 is included to require the Company to keep records and to provide information to staff of the Ministry so that compliance with the EPA, the Regulations and this Approval can be verified.
3. Condition No. 3 is included to require the Company to notify staff of the Ministry so as to assist the Ministry with the review of the site's compliance.
4. Condition No. 4 is included to provide the minimum performance requirements considered necessary to prevent an adverse effect resulting from the operation of the Facility.
5. Condition No. 5 is included to require the Company to gather accurate information and submit an Acoustic Audit Report in accordance with procedures set in the Ministry's noise guidelines, so that the environmental impact and subsequent compliance with this Approval can be verified.

# APPEAL PROVISIONS

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In accordance with Section 139 of the *Environmental Protection Act*, you may by written notice served upon me and the Ontario Land Tribunal, within 15 days after the service of this notice, require a hearing by the Tribunal. You must also provide notice to, the Minister of the Environment, Conservation and Parks in accordance with Section 47 of the *Environmental Bill of Rights, 1993* who will place notice of your appeal on the Environmental Registry. Section 142 of the *Environmental Protection Act* provides that the notice requiring the hearing ("the Notice") shall state:

- I. The portions of the environmental compliance approval or each term or condition in the environmental compliance approval in respect of which the hearing is required, and;
- II. The grounds on which you intend to rely at the hearing in relation to each portion appealed.

Pursuant to subsection 139(3) of the *Environmental Protection Act*, a hearing may not be required with respect to any terms and conditions in this environmental compliance approval, if the terms and conditions are substantially the same as those contained in an approval that is amended or revoked by this environmental compliance approval.

The Notice should also include:

- I. The name of the appellant;
- II. The address of the appellant;
- III. The environmental compliance approval number;
- IV. The date of the environmental compliance approval;
- V. The name of the Director, and;
- VI. The municipality or municipalities within which the project is to be engaged in.

And the Notice should be signed and dated by the appellant.

This Notice must be served upon:

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| Registrar*<br>Ontario Land Tribunal<br>655 Bay Street, Suite 1500<br>Toronto, Ontario<br>M5G 1E5<br><a href="mailto:OLT.Registrar@ontario.ca">OLT.Registrar@ontario.ca</a> | and | The Minister of the<br>Environment,<br>Conservation and Parks<br>777 Bay Street, 5th<br>Floor<br>Toronto, Ontario<br>M7A 2J3 | and | The Director appointed for the purposes of Part<br>II.1 of the <i>Environmental Protection Act</i><br>Ministry of the Environment, Conservation and<br>Parks<br>135 St. Clair Avenue West, 1st Floor<br>Toronto, Ontario<br>M4V 1P5 |
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**\* Further information on the Ontario Land Tribunal's requirements for an appeal can be obtained directly from the Tribunal at: Tel: (416) 212-6349 or 1 (866) 448-2248, or [www.olt.gov.on.ca](http://www.olt.gov.on.ca)**

This instrument is subject to Section 38 of the *Environmental Bill of Rights, 1993*, that allows residents of Ontario to seek leave to appeal the decision on this instrument. Residents of Ontario may seek leave to appeal within 15 days from the date this decision is placed on the Environmental Registry. By accessing the Environmental Registry at [ero.ontario.ca](http://ero.ontario.ca), you can determine when the leave to appeal period ends.

The above noted activity is approved under s.20.3 of Part II.1 of the *Environmental Protection Act*.

Dated at Toronto this 24th day of March, 2023



Nancy Orpana

Director

appointed for the purposes of Part II.1 of the Environmental Protection Act

c: Ibrahim Syed, ORTECH Consulting Inc.

Justin Henri, PLACAGE AU CHROME DE L'ONTARIO INC. ONTARIO CHROMIUM PLATING INC.

The following schedules are a part of this environmental compliance approval:

# SCHEDULE 1

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## Technical Standard for which the Company is Registered

1. Technical Standards Registry - Air Pollution, Metal Finishers - Industry Standard, Registration Number: 302-20-393, issued November 20, 2020 for the following contaminants:
  - a. Chromium compounds (hexavalent), CAS #18540-29-9