

AMENDED ENVIRONMENTAL COMPLIANCE APPROVAL

NUMBER 7957-BMLKZ5

Issue Date: March 17, 2020

Holody Electro-Plating Limited
66 Victoria Road South
Guelph, Ontario
N1E 5P6

Site Location: 66 Victoria Road South
Guelph City, County of Wellington
N1H 6J9

*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) number 2 oil-fired boiler, having a maximum heat input rating of 4,415,000 kilojoules per hour, discharging to the air at 85 degrees Celsius through a stack having an exit diameter of 0.31 metre, extending 3.90 metres above the roof and 8.89 metres above grade (source ID: B1);
- one (1) number 2 oil-fired boiler, having a maximum heat input rating of 3,974,000 kilojoules per hour, discharging to the air at 85 degrees Celsius through a stack having an exit diameter of 0.46 metre, extending 1.30 metres above the roof and 6.27 metres above grade (source ID: B2);
- one (1) outdoor, above-grade number 2 oil storage tank, having a storage capacity of 4,500 litres (source ID: T1);
- one (1) two-stage, horizontal packed scrubber having a length of 1.35 metres and cross sectional area of 1.27 metres by 1.27 metres, equipped with 0.19 metre of chervon blades in the first stage, and 0.10 metre of Kimre pads in the second stage, operating at a water flow rate of 6.20 litres per minute and a gas flow rate of 4.85 cubic metres per second at ambient temperature, with a pressure drop of 0.50 kilopascal across the scrubber, discharging to the air through a stack having an exit diameter of 0.58 metre, extending 3.35 metre above the roof and 10.82 metres above grade, serving the soak clean and electro-clean tanks on the zinc plating line (source ID: S1);
- one (1) two-stage, horizontal packed scrubber having a length of 1.11 metre and cross sectional area of 1.27 metres by 1.12 metres, equipped with 0.15 metre of Kimre pads in the first stage and 0.10 metre of multi-layers of propylene mesh in the second stage, operating at a water flow rate of 6.20 litres per minute and a gas flow rate of 4.53 cubic metres per second a ambient temperature, with a pressure

drop of 0.43 kilopascal across the scrubber, discharging to the air through a stack having an exit diameter of 0.56 metre, extending 3.35 metres above the roof and 10.82 metres above grade, serving the acid dip tank on the zinc plating line and the chrome treatment tank in the water treatment system (source ID: S2);

- one (1) two-stage, horizontal packed scrubber having a length of 1.35 metres and cross sectional area of 1.42 metre by 1.42 metre, equipped with 0.19 metre of chervon blades in the first stage and 0.10 metre of Kimre pads in the second stage, operating at a water flow rate of 6.20 litres per minute and a gas flow rate of 6.47 cubic metres per second at ambient temperature, with a pressure drop of 0.5 kilopascal across the scrubber, and discharging to the air through a stack having an exit diameter of 0.67 metre, extending 3.35 metres above the roof and 10.82 metres above grade, serving the two (2) zinc plating tanks (source ID: S3); and
- four (4) general ventilation sidewall exhausts discharging acid mists from the wastewater treatment system, each at a flow rate of 8.50 cubic metres per second at ambient temperature, an equivalent exit diameter of 0.91 metre, and 4.90 metres above grade, (source IDs: S5_1 through S5_4);

all in accordance with the Application for Approval (Air) submitted by Holody Electro-Plating Limited, dated October 10, 2019 and signed by Robert Holody, Vice President; the supporting information, including the Emission Summary and Dispersion Modelling Report, submitted by Independent Environmental Consultants, dated October 2019 and signed by Kim Theobald, the Acoustic Assessment Report prepared by Independent Environmental Consultants, dated October 2019 and signed by Nick Shinbin, P.Eng., and email updates provided by Kim Theobald dated February 12 and 26, and March 5, 2020.

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

1. "*Approval*" means this Environmental Compliance Approval, including the application and supporting documentation listed above;
2. "*Company*" means **Holody Electro-Plating Limited**, that is responsible for the construction or operation of the *Facility* and includes any successors and assigns;
3. "*District Manager*" means the District Manager of the appropriate local district office of the *Ministry*, where the *Facility* is geographically located;
4. "*EPA*" means the Environmental Protection Act, R.S.O. 1990, c.E.19, as amended ;
5. "*Equipment*" means the equipment described in the *Company's* application, this

Approval and in the supporting documentation submitted with the application, to the extent approved by this *Approval*;

6. "*Facility*" means the entire operation located on the property where the *Equipment* is located;
7. "*Manual*" means a document or a set of documents that provide written instructions to staff of the *Company*;
8. "*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; and
9. "*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.

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

TERMS AND CONDITIONS

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. the frequency of inspection and replacement of the filter material in the *Equipment*;
 - b. implement the recommendations of the *Manual*.

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.

4. NOISE

1. The *Company* shall, at all times, ensure that the noise emissions from the *Facility* comply with the limits set out in *Ministry Publication NPC-300*.

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*.

Upon issuance of the environmental compliance approval, I hereby revoke Approval No(s). 8-2093-99-006 issued on June 16, 1999.

In accordance with Section 139 of the Environmental Protection Act, you may by written Notice served upon me, the Environmental Review Tribunal and in accordance with Section 47 of the Environmental Bill of Rights, 1993, the Minister of the Environment, Conservation and Parks, within 15 days after receipt of this Notice, require a hearing by the Tribunal. The Minister of the Environment, Conservation and Parks will place notice of your appeal on the Environmental Registry. Section 142 of the Environmental Protection Act provides that the Notice requiring the hearing shall state:

- a. 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;
- b. 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:

1. The name of the appellant;
2. The address of the appellant;
3. The environmental compliance approval number;
4. The date of the environmental compliance approval;
5. The name of the Director, and;
6. 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:

The Secretary*
Environmental Review Tribunal
655 Bay Street, Suite 1500
Toronto, Ontario
M5G 1E5

AND

The Minister of the Environment,
Conservation and Parks
777 Bay Street, 5th Floor
Toronto, Ontario
M7A 2J3

AND

The Director appointed for the purposes of
Part II.1 of the Environmental Protection Act
Ministry of the Environment, Conservation
and Parks
135 St. Clair Avenue West, 1st Floor

Toronto, Ontario
M4V 1P5

*** Further information on the Environmental Review Tribunal's requirements for an appeal can be obtained directly from the Tribunal at: Tel: (416) 212-6349, Fax: (416) 326-5370 or www.ert.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 <https://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 17th day of March, 2020

Rudolf Wan, P.Eng.
Director
appointed for the purposes of Part
II.1 of the *Environmental
Protection Act*

EC/
c: District Manager, MECP Guelph District Office
Kim Theobald, Independent Environmental Consultants