

**AMENDED ENVIRONMENTAL COMPLIANCE APPROVAL**

NUMBER 0264-BP4LQ2  
Issue Date: August 11, 2020

Alumabrite Anodizing Limited  
200 Sheldon Drive  
Cambridge, Ontario  
N1R 7K1

Site Location: 20 Milburn Road  
Hamilton City  
L8E 3L9

*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) natural gas fired aging oven, having a maximum heat input of 791,300 kilojoules per hour, discharging to the air at a volumetric flow rate of 0.34 cubic metre per second, through a stack, having an exit diameter of 0.31 metre, extending 1.5 metres above the roof and 7.6 metres above grade;
- one (1) natural gas fired steam boiler, having a maximum heat input of 3,542,200 kilojoules per hour, discharging to the air at a volumetric flow rate of 0.68 cubic metre per second, through a stack, having an exit diameter of 0.41 metre, extending 2.1 metres above the roof and 8.2 metres above grade;
- one (1) baghouse dust collector (EX 8), to control emissions from polishing operations, complete with polyester felt filter material having a filtering area of 22.4 square metres and a shaker cleaning system, returning the filtered air to the plant at a volumetric flow rate of approximately 1.74 cubic metres per second;
- one (1) baghouse dust collector (EX 9), to control emissions from grinding operation, complete with polyester felt filter material having a filtering area of 6.6 square metres and a shaker cleaning system, returning the filtered air to the plant at a volumetric flow rate of approximately 1.02 cubic metres per second; and

the following exhaust systems serving the anodizing line:

- one (1) exhaust system (EX 1), serving Aluminium polishing operations in Bright Dip Tank, complete with a fume hood, a dry eliminator and wet scrubber, duct work and a fan, discharging to the air at a volumetric flow rate of 0.59 cubic metre per second, through a stack having exit diameter of 0.64 metre, extending 5.97 metres above the roof and 12.07 metres above grade;
- one (1) exhaust system (EX 2) serving the anodizing tanks (Tank 12 and Tank 13), complete with fume hoods, one (1) mist eliminator, duct work and a fan, discharging to the air at a volumetric flow rate of 3.68 cubic metres per second, through a stack, having an exit diameter of 0.44 metre, extending 5.33 metres above the roof and 11.43 metres above grade;
- one (1) exhaust system (EX 3) serving the anodizing tanks (Tank 12 and Tank 13), complete with fume hoods, one (1) mist eliminator, duct work and a fan, discharging to the air at a volumetric flow rate of 3.40 cubic metres per second, through a stack, having an exit diameter of 0.55 metre, extending 5.13 metres above the roof and 11.23 metres above grade; and
- one (1) exhaust system (EX 5) serving cleaning and finishing processes in seventeen tanks, discharging to the air at a volumetric flow rate of 1.97 cubic metres per second, through a stack, having an exit diameter of 0.58 metre, at the height of 5.08 metres above grade;

all in accordance with the:

- Environmental Compliance Approval Application dated September 12, 2019 and signed by Darcy Charron, (Vice-President, Canadian Operations), Alumabrite Anodizing Limited, and all supporting information associated with the application including Emission Summary and Dispersion Modelling Report, dated October 9, 2019, revised Emission Summary and Dispersion Modelling Report, dated March 18, 2020, provided by Peritus Environmental Consultants Inc. and signed by Naz Ritchie; and the Acoustic Assessment Report Addendum provided by Peritus Environmental Consultants Inc. dated August 29, 2019 and signed by Naz Ritchie; and
- Environmental Compliance Approval Application dated August 29, 2017 and signed by Darcy Charron, (V.P. of Operations), Alumabrite Anodizing Limited, and all supporting information associated with the application including Emission Summary and Dispersion Modelling Report provided by Peritus Environmental Consultants Inc., dated August 31, 2017, email dated October 10, 2018, signed by Kathy Shantz and emails dated November 13, November 27 and December 4, 2018, signed by Naz Ritchie; and

- Application for Approval (Air & Noise) submitted by Alumabrite Anodizing Ltd., dated November 28, 2009 and signed by Bill Jarvis (EH&S Coordinator), Alumabrite Anodizing Limited; the supporting information, including the Emission Summary and Dispersion Modelling Report, submitted by Chem Solv, dated November 25, 2009 and signed by Peter Robertson; and email updates provided by Peter Robertson of Chem Solv on October 28, 2011, November 11 and 23, 2011 and December 9 and 12, 2011; and the Acoustic Assessment Report submitted by O2E Inc dated February 23, 2011 and signed by Jakub Wrobel; and the updated Acoustic Assessment Report summary table submitted via e-mail on December 18, 2018 by Katherine Shantz of Peritus Environmental Consultants Inc.

*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 Alumabrite Anodizing 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 and processes 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;
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*; and
  - 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) 0562-B6BQT3 issued on May 17, 2019.**

*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

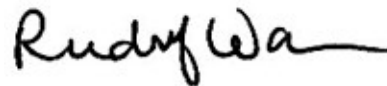
The Director appointed for the purposes of  
Part II.1 of the Environmental Protection Act  
Ministry of the Environment,  
Conservation and Parks  
135 St. Clair Avenue West, 1st Floor  
Toronto, Ontario  
M4V 1P5

\* 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](http://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 11th day of August, 2020



Rudolf Wan, P.Eng.

Director

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

AA/

c: District Manager, MECP Hamilton District Office  
Naz Ritchie, Pertius Environmental Consultants Inc.