

AMENDED ENVIRONMENTAL COMPLIANCE APPROVAL

NUMBER 1950-D9UKSB
Issue Date: January 8, 2025

Court Galvanizing Limited
225 Thompson Dr
Cambridge, Ontario
N1T 2B9

Site Location: 225 Thompson Drive
Cambridge City, Regional Municipality of Waterloo

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) wet scrubber to control acid emissions from sulphuric acid pickling tanks, packed with Polypro packing media, or equivalent, to a depth of 0.3 metre, using water as the scrubbing liquid at a rate of 273 litres per minute, complete with a mist eliminator, discharging into the air through one (1) stack, designated as Source 1, as outlined in Schedule "A";
- one (1) baghouse type dust collectors serving the zinc kettle and the molten zinc recovery system, having 12,288 square feet of 128 cartridges and a pulse jet cleaning mechanism, designated as Source DC, as outlined in Schedule "A";
- eight (8) natural gas fired zinc kettle burners, having a total maximum heat input of 14,240,000 kilojoules per hour, discharging into the air through one (1) stack, designated as Source 3A, as outlined in Schedule "A";
- one (1) natural gas fired hot water boiler serving the sulphuric acid pickle tanks and the preflux tank, having a maximum heat input of 6,180,000 kilojoules per hour, discharging into the air through one (1) stack, designated as Source 3B, as outlined in Schedule "A";
- two (2) natural gas fired tube heaters serving the caustic tanks, each having a maximum heat input of 3,480,000 kilojoules per hour, discharging into the air through two (2) stacks, designated as Source 3C and 3D, as outlined in Schedule "A";

- two (2) evaporators serving the acid rinse tanks, discharging into the air through one (1) stack, designated as Source 4, as outlined in Schedule "A";
- four (4) exhaust systems serving the main production area, discharging into the air through four (4) stacks, designated as Source 5A, 5B, 5C and 5D, as outlined in Schedule "A";
- one (1) wet scrubber to control acid emissions from the sulphuric acid strip and hydrogen chloride pickling tanks from the spinner operation, packed with Pro-Pak packing media, or equivalent, to a depth of 1.8 metres, using water as the scrubbing liquid at a rate of 3.4 litres per minute, complete with a mist eliminator, discharging into the air through one (1) stack, designated as Source 6, as outlined in Schedule "A";
- one (1) baghouse type dust collector serving the zinc kettle from the spinner operation, having 565 square metres of cartridge type unit with pulse jet cleaning mechanism, discharging into the air through one (1) stack, designated as Source 7, as outlined in Schedule "A"; and
- four (4) natural gas fired zinc kettle burners from the spinner operation, having a total maximum heat input of 8,440,000 kilojoules per hour, discharging into the air through one (1) stack, designated as Source 8, as outlined in Schedule "A";

all in accordance with the application for an Environmental Compliance Approval submitted by Court Galvanizing Limited, dated October 31, 2023 and signed by Gerald Dueck, the supporting information, including the Emission Summary and Dispersion Modelling Report, submitted by RWDI Air Inc., dated November 29, 2023, and signed by Khalid Hussein, P.Eng. and Gerald Dueck, and additional air information provided by RWDI Air Inc., dated September 11, 2024 and October 28, 2024; and updated dust collector emission, emission summary table provided on December 6, 2024.

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 Court Galvanizing Limited operating 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;
3. "Director" means a person appointed for the purpose of section 20.3 of the EPA by the Minister pursuant to section 5 of the EPA;
4. "District Manager" means the District Manager of the appropriate local district office of the Ministry, where the Facility is geographically located;
5. "EPA" means the *Environmental Protection Act*, R.S.O. 1990, c.E.19;
6. "Equipment" means in the Company's application, this Approval and in the supporting

documentation submitted with the application, to the extent approved by this Approval;

7. "Facility" means the entire operation located on the property where the Equipment is located;
8. "Manual" means a document or a set of documents that provide written instructions to staff of the Company;
9. "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;
10. "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.

5. CHANGE OF OWNERSHIP

1. The Company shall notify the Director in writing, and forward a copy of the notification to the District Manager, within thirty (30) days of the occurrence of any of the following changes to Facility operations:
 - a. the ownership of the Facility;
 - b. the operator of the Facility;
 - c. the address of the Company;
 - d. the partners, where the Company is or any time becomes a partnership and a copy of the most

recent declaration filed under the Business Names Act, R.S.O. 1990, c. B.17, shall be included in the notification; or

- e. the name of the corporation where the Company is or at any time becomes a corporation, other than a municipal corporation, and a copy of the most current information filed under the Corporations Information Act, R.S.O. 1990, c. C.39, shall be included in the notification.
2. In the event of any change in ownership of the Facility, the Company shall notify the successor of the existence of this Approval and provide the successor with a copy of this Approval, and the Company shall provide a copy of the notification to the District Manager and the Director.

SCHEDULE "A"

Source ID	Description	Exhaust Volumetric Flow Rate (cubic metre per second)	Exhaust Temperature (degrees Celsius)	Stack Exit Diameter (metre)	Stack Height Above Roof (metre)	Stack Height Above Grade (metre)
1	Sulphuric Acid Pickle Tanks Wet Scrubber Exhaust (Tank D)	7.08	25	0.76	3	12
DC	Zinc Kettle Baghouse Dust Collector	28.32	38	1.07	1	10
3A	Natural Gas-fired Kettle Burners (14,240,000 kJ/h)	1.58	125	0.91	1.5	10.5
3B	Natural Gas-fired Hot Water Boiler (6,180,000 kJ/h)	0.69	125	0.51	1.5	10.5
3C	Caustic Tank A Tube Heater (3,480,000 kJ/h)	0.39	125	0.2	N/A	10.5
3D	Caustic Tank B Tube Heater (3,480,000 kJ/h)	0.39	125	0.2	N/A	5
4	Evaporators 1 and 2 (Serving Acid Rinse Tanks)	4.72	25	0.61	1.5	10.5
5A, 5B, 5C, 5D	General Exhaust Systems Serving the Main Production Area	14.3	25	1.58	1.82	11.62
6	Wet Scrubber Exhaust	1.42	25	0.36	3.0	12.0
7	Zinc Kettle Baghouse Dust Collector	4.72	25	0.61	3.0	12.0
8	Natural Gas-fired Kettle Burners (8,440,000 kJ/h)	0.94	125	0.3	3.0	12.0

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 notify/report to the Ministry so that compliance with the EPA, the regulations and this Approval can be verified.

**Upon issuance of the environmental compliance approval, I hereby revoke Approval No(s).
9214-ALRKTL issued on June 7, 2017**

In accordance with Section 139 of the *Environmental Protection Act*, you may by written notice served upon me, the Ontario Land 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 ("the Notice") 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:

Registrar*
Ontario Land Tribunal
655 Bay Street, Suite 1500
Toronto, Ontario
M5G 1E5
OLT.Registrar@ontario.ca

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 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**

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 8th day of January, 2025



Nancy E Orpana, P.Eng.
Director
appointed for the purposes of Part II.1 of the
Environmental Protection Act

HW/

c: District Manager, MECP Guelph
Khalid Hussein, RWDI Air Inc.