

AMENDED ENVIRONMENTAL COMPLIANCE APPROVAL

NUMBER 2322-CMLKWC

Issue Date: April 14, 2023

Hodgson Custom Rolling Inc.
5580 Kalar Rd
Niagara Falls, Ontario
L2H 3L1

Site Location: Hodgson Custom Rolling Inc.
5580 Kalar Rd
Niagara Falls City, Regional Municipality Of Niagara
L2H 3L1

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 Car Bottom Furnace (Source ID CB1), having a maximum heat input of 16,880,900 kilojoules per hour, exhausting to the atmosphere at a volumetric flow rate of 10.2 cubic metres per second at an approximate temperature of 427 degrees Celsius, through a stack, having an exit diameter of 1.3 metres, extending 3.0 metres above the roof and 12.0 metres above grade;
- one (1) natural gas fired Park Gas Furnace (Source ID PG1), having a maximum heat input of 6,330,300 kilojoules per hour, exhausting to the atmosphere at a volumetric flow rate of 10.2 cubic metres per second at an approximate temperature of 427 degrees Celsius, through a stack, having an exit diameter of 1.3 metres, extending 1.0 metre above the roof and 13.0 metres above grade;
- one (1) general facility exhaust fan (Source ID FE-1) discharging fugitive emissions from the interior of the facility (no direct stack). The rooftop exhaust fan is serving an area of the facility consisting of one welding station or one gouging station operation. Only one of the two processes operate in any given hour. Contaminant emissions are filtered at the process source by a portable filtration unit, with a maximum particulate removal efficiency of 99.9%. The filtered emissions are being discharged to the interior of the facility and then subsequently to the atmosphere through the rooftop general exhaust fan at a maximum volumetric flow rate of 6.13 cubic metres per second;
- one (1) general facility exhaust fan (Source ID FE-2) discharging fugitive emissions from the interior of the facility (no direct stack). The rooftop exhaust fan is serving an area of the facility consisting of

three (3) welding station tables or three (3) gouging station tables. Only the welding processes or gouging processes operate in any given hour. Contaminant emissions are filtered using a fixed Vortex Filtration unit in the area, with a maximum particulate removal efficiency of 99.9%. The filtered emissions are being discharged to the interior of the facility and then subsequently to the atmosphere through the rooftop general exhaust fan at a maximum volumetric flow rate of 6.13 cubic metres per second;

- one (1) general facility exhaust fan (Source ID FE-3) discharging fugitive emissions from the interior of the facility (no direct stack). The rooftop exhaust fan is serving an area of the facility consisting of one propane/oxygen plasma cutting station or one welding station. Only one of the two processes operate in any given hour. Contaminant emissions are filtered at the process source by a portable filtration unit, with a maximum particulate removal efficiency of 99.9%. The filtered emissions are being discharged to the interior of the facility and then subsequently to the atmosphere through the rooftop general exhaust fan at a maximum volumetric flow rate of 6.13 cubic metres per second;
- one (1) general facility exhaust fan (Source ID FE-4) discharging fugitive emissions from the interior of the facility (no direct stack). The rooftop exhaust fan is serving an area of the facility consisting of two different operations:
 - Operation 1: one (1) welding station table or one (1) gouging station table;
 - Operation 2: one (1) propane/oxygen plasma cutting station or one (1) welding station table.

Only one of the two processes in both operations outlined above occur in any given hour. Contaminant emissions are filtered at the process source by a portable filtration unit, with a maximum particulate removal efficiency of 99.9%. The filtered emissions are being discharged to the interior of the facility and then subsequently to the atmosphere through the rooftop general exhaust fan at a maximum volumetric flow rate of 6.13 cubic metres per second;

- one (1) general facility exhaust fan (Source ID FE-5) discharging fugitive emissions from the interior of the facility (no direct stack). The rooftop exhaust fan is serving an area of the facility consisting of two different operations:
 - Operation 1: one (1) welding station table or one (1) gouging station table;
 - Operation 2: one (1) propane/oxygen plasma cutting station table.

Only one of the two processes in both operations outlined above occur in any given hour. Contaminant emissions are filtered at the process source by a portable filtration unit, with a maximum particulate removal efficiency of 99.9%. The filtered emissions are being discharged to the interior of the facility and then subsequently to the atmosphere through the rooftop general exhaust fan at a maximum volumetric flow rate of 6.13 cubic metres per second;

- one (1) general facility exhaust fan (Source ID FE-6) discharging fugitive emissions from the interior of the facility (no direct stack). The sidewall exhaust fan is serving an area of the facility consisting of two propane/oxygen plasma cutting stations. Contaminant emissions are filtered at the process

source by a portable filtration unit, with a maximum particulate removal efficiency of 99.9%. The filtered emissions are being discharged to the interior of the facility and then subsequently to the atmosphere through the sidewall general exhaust fan at a maximum volumetric flow rate of 1.82 cubic metres per second;

- on-site paved fugitive transport truck emissions from a maximum of seven (7) heavy trucks per day and six (6) pick-up trucks per day on the paved portion of the road. Fugitive dust emissions are identified as Source ID P-TTFF;
- on-site unpaved fugitive transport truck emissions from a maximum of one (1) truck per month on the unpaved portion of the road located north of the Facility. Fugitive dust emissions are identified as Source ID UP-TTFF-N; and
- on-site Unpaved fugitive transport truck emissions from a maximum of seven (7) trucks per day and two (2) forklifts per day on the unpaved portion of the road located south of the Facility. Fugitive dust emissions are identified as Source ID UP-TTFF-S.

all in accordance with the Environmental Compliance Approval Application dated April 14, 2022 and signed by Jim Hale, Hodgson Custom Rolling Inc., and all supporting information associated with the application including Emission Summary and Dispersion Modelling Report provided by Fulco Environmental Inc., dated April 19, 2022 and signed by Greg Fullarton, the Acoustic Assessment report provided by Swallow Acoustic Consultants Ltd., dated January 21, 2019 signed by Galen Wong, and the e-mail provided by Robert Fuller of Thorton Tomasetti dated February 22, 2023.

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

1. "Acoustic Assessment Report" means the report, prepared in accordance with Publication NPC-233 and Appendix A of the Basic Comprehensive User Guide, by Galen Wong of Swallow Acoustic Consultants and dated January 21, 2019 submitted in support of the application, that documents all sources of noise emissions and Noise Control Measures present at the Facility;
2. "Approval" means this Environmental Compliance Approval, including the application and supporting documentation listed above;
3. "Basic Comprehensive User Guide" means the Ministry document titled "Basic Comprehensive Certificates of Approval (Air) User Guide" dated March 2011, as amended;
4. "Best Management Practices Plan" means a document or a set of documents which describe measures to minimize dust emissions from the Facility and/or Equipment;
5. "Company" means Hodgson Custom Rolling 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;
6. "District Manager" means the District Manager of the appropriate local district office of the Ministry, where the Facility is geographically located;

7. "EPA" means the *Environmental Protection Act*, R.S.O. 1990, c.E.19;
8. "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;
9. "Facility" means the entire operation located on the property where the Equipment is located;
10. "Manual" means a document or a set of documents that provide written instructions to staff of the Company;
11. "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;
12. "Noise Control Measures" means measures to reduce the noise emissions from the Facility and/or Equipment including, but not limited to, silencers, acoustic louvres, enclosures, absorptive treatment, plenums and barriers. It also means the noise control measures outlined in Section 7 of the Acoustic Assessment Report.
13. "Publication NPC-207" means the Ministry draft technical publication "Impulse Vibration in Residential Buildings", November 1983, supplementing the Model Municipal Noise Control By-Law, Final Report, published by the Ministry, August 1978, as amended;
14. "Publication NPC-233" means the Ministry Publication NPC-233, "Information to be Submitted for Approval of Stationary Sources of Sound", October, 1995, as amended;
15. "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; and
16. "Technical Bulletin: Management Approaches for Industrial Fugitive Dust Sources" means the Ministry publication "Technical Bulletin: management approaches for industrial fugitive dust sources", March 8, 2017, 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;
 - 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. FUGITIVE DUST CONTROL

1. The Company shall develop in consultation with the District Manager, a Best Management Practices Plan for the control of fugitive dust emissions. This Best Management Practices Plan shall:
 - a. at minimum, be prepared in accordance with Ministry Technical Bulletin: Management Approaches for Industrial Fugitive Dust Sources; and
 - b. include a list of all Ministry comments received, if any, on the development of the Best Management Practices Plan, and a description of how each Ministry comment was addressed in the Best Management Practices Plan.
2. The Company shall submit the Best Management Practices Plan to the District Manager not later than three months after the date of this Approval or as otherwise indicated by the District Manager.
3. Upon acceptance of the Best Management Practices Plan by the District Manager, the Company shall immediately implement the Best Management Practices Plan for the control of fugitive dust emissions to provide effective dust suppression measures to any potential sources of fugitive dust emissions resulting from the operation of the Facility.
4. The Company shall update the Best Management Practices Plan as necessary or at the direction of the District Manager.

3. 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;
 - b. all documentation prepared in accordance with Condition No. 2 of this Approval; and
 - c. 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.

4. 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.

5. 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.
2. The Company shall, at all times, ensure that the vibration emissions from the Facility comply with the limits set out in Ministry Publication NPC-207.
3. The Company shall, at all times, ensure that the Noise Controls Measures as outlined in the Acoustic Assessment Report are incorporated at the Facility.
4. The Company shall ensure that the Noise Control Measures are properly maintained and continue to provide the acoustic performance outlined in the Acoustic Assessment Report.
5. The Company shall ensure that the administrative implementation of the Noise Control Measures as outlined in Section 7 of the Acoustic Assessment Report are implemented at all times at the

Facility.

6. The Company shall ensure that operation of sources (I.D. Gouging and I.D. Air Chisel) are limited to a maximum of 30 minutes operation per 60 minute period and a maximum of 20 minutes operation per 60 minute period, respectively.

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

1. Condition Nos. 1 and 2 are 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. 3 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. 4 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. 5 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). 6653-87ALUM issued on November 30, 2010.

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 14th day of April, 2023



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

AA/

c: District Manager, MECP Niagara District Office
Greg Fullarton, Fulco Environmental Inc.