

AMENDED ENVIRONMENTAL COMPLIANCE APPROVAL

NUMBER 5397-CDBMTP

Issue Date: April 11, 2022

Stelco Inc.
2330 Haldimand Road 3
Haldimand, Ontario
N0A 1L0

Site Location: Lake Erie Works Facility
2330 Haldimand Road 3 Nanticoke
Haldimand County,
N0A 1L0

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:

- Two (2) steam boilers (Boilers #3 and #4) using blast furnace gas and coke oven gas as fuel, or use of natural gas as stand-by fuel when sufficient blast furnace gas or coke oven gas is not available, with each boiler having a steam production rate of 95 tonnes per hour and a maximum heat input of 260 Gigajoules per hour, discharging into the atmosphere at a volumetric flow rate of 130 cubic metres per second through a common stack, having an exit diameter of 3.3 metres and extending 48.77 metres above grade;
- One (1) cooling tower having a maximum circulating water flow rate of 215,011 litres per minute, and consisting of three cells, each discharging to the air at a maximum volumetric flow rate of 688 cubic metres per second through a stack having an exit diameter of 11 metres and extending 17.4 metres above grade; and
- One (1) steam turbine generator rated at 65 megawatts;

All in accordance with the Environmental Compliance Approval application signed by Petar Kolundzija, dated September 30, 2021, and submitted by Stelco Inc., the Emission Summary and Dispersion Modelling Report signed by Roy Sabino, Golder Associates Ltd. and dated September 30, 2021, the Technical Memorandum prepared by Golder Associates Ltd., dated April 6, 2022, the emails from Roy Sabino, Golder Associates Ltd., sent April 7, 2022 and April 8, 2022, and the Acoustic Assessment Report prepared by Golder Associates Ltd., dated September 30, 2021 and signed by Jeremy Schmitt and Joe Tomaselli.

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

1. "Acoustic Assessment Report" means the report by Golder Associates Ltd., dated September 30, 2021 and signed by Jeremy Schmitt and Joe Tomaselli, prepared in accordance with Publication NPC-233 and submitted in support of the application for this Approval, documenting 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. "Company" means Stelco 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;
4. "Director" means a person appointed for the purpose of section 20.3 of the EPA 4. by the Minister pursuant to section 5 of the EPA;
5. "District Manager" means the District Manager of the appropriate local district office of the Ministry, where the Facility is geographically located;
6. "EPA" means the *Environmental Protection Act*, R.S.O. 1990, c.E.19;
7. "Equipment" means the equipment or 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;
8. "Facility" means the entire operation located on the property where the Equipment is located;
9. "Manual" means a document or a set of documents that provide written instructions to staff of the Company;
10. "Minister" means the Minister of the Environment, Conservation and Parks or such other member of the Executive Council as may be assigned the administration of the EPA under the Executive Council Act;
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 Abatement Action Plan" means the noise abatement action plan outlined in the Acoustic Assessment Report submitted to the Director and District Manager and approved by the Director, designed to achieve compliance with the limits set in Ministry Publications NPC-300;
13. "Noise Control Measures" means measures to reduce the noise emissions from the Facility and/or Equipment including, but not limited to, silencers, acoustic louvers, enclosures, absorptive treatment, plenums and barriers;
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; and

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.

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, before commencement of operation of the Equipment, 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; and
 - iv. all appropriate measures to minimize noise and odorous emissions from all potential sources;
 - 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,
 - a. implement the Noise Control Measures outlined in the Noise Abatement Action Plan of the Acoustic Assessment Report, with full implementation to occur not later than April 15, 2031;
 - b. ensure, subsequent to the full implementation of the Noise Abatement Action Plan, that the noise emissions from the Facility comply with the limits set in Ministry Publication NPC-300; and
 - c. ensure, at all times, that the Noise Control Measures are properly maintained and continue to provide the acoustical performance outlined in the Noise Abatement Action Plan of the Acoustic Assessment Report.
2. The Company shall provide progress update to the District Manager on the implementation of the Noise Abatement Action Plan every twelve (12) months after the date of this Approval, until the Noise Abatement Action Plan is fully implemented.

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). 8-2134-84-006 issued on October 29, 1984

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

and

The Minister of the Environment,
Conservation and Parks

and

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

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

777 Bay Street, 5th Floor
Toronto, Ontario
M7A 2J3

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 11th day of
April, 2022



Denton Miller, P.Eng.
Director
appointed for the purposes of Part II.1 of the
Environmental Protection Act

MS/
c: District Manager, MECP Hamilton - District
Roy Sabino, Golder Associates Ltd.