

AMENDED ENVIRONMENTAL COMPLIANCE APPROVAL

NUMBER 1605-BTVMKL

Issue Date: October 16, 2020

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

Site Location: Lake Erie Works
2330 Haldimand Road 3
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:

- One (1) baghouse serving the reagent bin on a hot metal desulphurization station, and discharging to the air at a maximum volumetric flow rate of 0.14 actual cubic metre per second through a stack having an exit diameter of 0.33 metre and discharging at 3.5 metres above the roof and 7.6 metres above grade;
- One (1) 3.5 MMBtu direct fired preheat burner serving the pig caster machine, and discharging into the building environment before discharge to the air as a fugitive emission via roof top monitors;
- One (1) pulse jet type eight (8) cell baghouse serving the pig caster, desulphurization station and emissions from kish dumping, and discharging to the air at a maximum volumetric flow rate of 104.77 actual cubic metres per second through a stack having an exit diameter of 2.49 metres and discharging at 16.8 metres above the roof and 27.4 metres above grade;

All in accordance with the Environmental Compliance Approval application signed by Sujit Sanyal, Chief Operating Officer, dated February 27, 2020, and submitted by Stelco Inc., the Emission Summary and Dispersion Modelling Report signed by Katie Chan, Director, Environmental Affairs of Stelco Inc. and dated February 27, 2020.

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

1. "*Acoustic Assessment Report*" means the report prepared by an *Acoustical Consultant* in accordance with *Publication NPC-233* and Appendix A of the *Basic*

Comprehensive User Guide, submitted in support of the application, that documents all sources of noise emissions and *Noise Control Measures* present at the *Facility*;

2. "*Acoustical Consultant*" means a person currently active in the field of environmental acoustics and noise/vibration control, who is familiar with *Ministry* noise guidelines and procedures and has a combination of formal university education, training and experience necessary to assess noise emissions from a *Facility*;
3. "*Approval*" means this Environmental Compliance Approval, including the application and supporting documentation listed above;
4. "*Basic Comprehensive User Guide*" means the *Ministry* document titled "Basic Comprehensive Certificates of Approval (Air) User Guide" dated March 2011, as amended;
5. "*Company*" means Stelco Inc., that is responsible for the construction or operation of the *Facility* and includes any successors and assigns;
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, as amended ;
8. "*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*;
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;
13. "*Publication NPC-233*" means the *Ministry* Publication NPC-233, "Information to be Submitted for Approval of Stationary Sources of Sound", October, 1995, as amended;
14. "*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*.
2. The *Company* shall prepare an *Acoustic Assessment Report* no later than six (6) months after the issuance of this *Approval*.

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). 8-2033-77-006, 8-2180-77-978 issued on October 27, 1977, September 15, 1997.

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*		The Minister of the Environment, Conservation and Parks		The Director appointed for the purposes of Part II.1 of the Environmental Protection Act
Environmental Review Tribunal		777 Bay Street, 5th Floor	AND	Ministry of the Environment, Conservation and Parks
655 Bay Street, Suite 1500	AND	Toronto, Ontario		135 St. Clair Avenue West, 1st Floor
Toronto, Ontario		M7A 2J3		Toronto, Ontario
M5G 1E5				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 16th day of October,
2020

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

MS/
c: District Manager, MECP Hamilton District Office
Sean McNamara, Stelco Inc.