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Ministry of the Environment
Ministère de l'Environnement

AMENDED ENVIRONMENTAL COMPLIANCE APPROVAL

NUMBER 7527-8K6GWF
Issue Date: March 25, 2014

Longyear Canada, ULC
310 Niven St
Haileybury, Ontario
P0J 1K0

Site Location: Haileybury Facility
310 Niven St, Haileybury
Temiskaming Shores City, District of Timiskaming
P0J 1K0

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:

- natural gas fired combustion equipment consisting of two (2) hot water heaters, one (1) make-up air unit, and nineteen (19) radiant heaters having a combined maximum thermal input of 2,124,000 kilojoules per hour;
 - one (1) bench open face paint spray booth for the application of solvent based coatings at a maximum rate of 4.0 kilograms per hour, equipped with 1.55 square metres of dry type paint arrestor filters, discharging to the air at a volumetric flow rate of 0.94 cubic metre per second, through a stack, having an exit diameter of 0.46 metre and being 4.5 metres above grade;
 - fugitive emissions from welding operations, using a total maximum of 1.0 kilogram of welding wires/rods per hour. The welding work station is equipped with a portable particulate and fume collector system; and
 - one (1) dust collector serving the sandblasting operations, having a maximum volumetric flow rate of 0.28 cubic metre per second, discharging to the indoor area;
- all in accordance with the following:

1. Application for Approval (Air & Noise) dated December 13, 2010 and signed by Sean Conroy, (Operations Manager), Longyear Canada, ULC, and all supporting information associated with the application including additional information provided by AMEC Earth & Environmental, dated December 3, 2010, and signed by Ray Potvin;
2. Application for Approval (Air & Noise) dated November 21, 2006 and signed by George Demers, Boart Longyear Inc., and all supporting information associated with the application including additional information provided by AMEC Earth and Environmental dated October 24, 2006 and February 4, 2008; and
3. Application for a Certificate of Approval (Air) dated June 13, 1989 submitted by Piotrowski Consultants Limited; letter of authorization from N. Morissette Canada Inc. dated March 8, 1989; and a site plan showing location of B Vents on the roof.

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 Longyear Canada, ULC, that is responsible for the construction or operation of the Facility and includes any successors and assigns;
3. "EPA" means the Environmental Protection Act, R.S.O. 1990, c.E.19, as amended;
4. "Equipment" means the combustion, welding and sandblasting equipment, paint spray booth and dust collector described in the Company's application, this Approval and in the supporting documentation submitted with the application, to the extent approved by this Approval;
5. "Facility" means the entire operation located on the property where the Equipment is located;
6. "Manual" means a document or a set of documents that provide written instructions to staff of the Company;
7. "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;
8. "Publication NPC-205" means Ministry Publication NPC-205, "Sound Level Limits for Stationary Sources in Class 1 & 2 Areas (Urban)", October, 1995, as amended; and
9. "Publication NPC-232" means Ministry Publication NPC-232, "Sound Level Limits for Stationary Sources in Class 3 Areas (Rural)", October 1995, 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. The Company shall ensure that the Equipment is properly operated and maintained at all times.
The Company shall:
 - (1) 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:
 - (a) routine operating and maintenance procedures in accordance with good engineering practices and as recommended by the Equipment suppliers;
 - (b) emergency procedures; including spill clean-up procedures;
 - (c) procedures for any record keeping activities relating to operation and maintenance of the Equipment;
 - (d) all appropriate measures to minimize noise and odorous emissions from all potential sources; and
 - (e) the frequency of inspection and replacement of the filter material in the Equipment;
 - (2) implement the recommendations of the Manual; and
 - (3) retain, for a minimum of two (2) years from the date of their creation, all records on the

maintenance, repair and inspection of the Equipment, and make these records available for review by staff of the Ministry upon request.

2. The Company shall ensure that the noise emissions from the Facility comply with the limits set in Publication NPC-205 and Publication NPC-232, as applicable.

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.

In addition, the Company is required 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.

2. Condition No. 2 is included to provide 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). 1107-7AXJ9U issued on February 5, 2008.

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, S.O. 1993, c. 28 (Environmental Bill of Rights), the Environmental Commissioner, within 15 days after receipt of this Notice, require a hearing by the Tribunal. The Environmental Commissioner 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:

1. 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;
2. 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:

3. The name of the appellant;
4. The address of the appellant;
5. The environmental compliance approval number;
6. The date of the environmental compliance approval;
7. The name of the Director, and;
8. 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 Environmental The Director appointed for the
Environmental Review AND Commissioner AND purposes of Part II.1 of the

Tribunal
655 Bay Street, Suite
1500
Toronto, Ontario
M5G 1E5

1075 Bay Street, Suite
605
Toronto, Ontario
M5S 2B1

Environmental Protection Act
Ministry of the Environment
2 St. Clair Avenue West, Floor
12A
Toronto, Ontario
M4V 1L5

*** 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) 314-4506 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 www.ebr.gov.on.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 25th day of March, 2014

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

AA/
c: District Manager, MOE Timmins District Office
Area Supervisor, MOE North Bay Area Office
Ray Potvin, AMEC Earth & Environmental