



Ministry
of the
Environment

Ministère
de
l'Environnement

CERTIFICATE OF APPROVAL
AIR
NUMBER 8064-5NUPCU
Issue Date: October 19, 2005

City of Ottawa
1500 St. Laurent Boulevard
Ottawa, Ontario
K1G 0Z8

Site Location: Pinecrest Garage
2550 Queensview Drive
Ottawa City, Ontario

You have applied in accordance with Section 9 of the Environmental Protection Act for approval of:

- one (1) standby diesel generator set, having a rating of 105 kilowatts, to provide power during emergency situations, exhausting to the atmosphere at a maximum volumetric flow rate of 0.40 actual cubic metres per second at an approximate temperature of 570 degrees Celsius, through a stack, having an exit diameter of 0.08 metre, extending 3.0 metres above grade;
- one (1) lot of natural gas-fired combustion equipment, consisting of:
- one (1) steam boiler, having a maximum heat input of 791,300 kilojoules per hour,
- twenty-four (24) natural gas-fired suspended unit heaters, twenty-three (23) of which each having a maximum heat input of 211,000 kilojoules per hour and one (1) having a maximum heat input of 422,000 kilojoules per hour,
- one (1) natural gas-fired domestic water heater, having a maximum heat input of 164,600 kilojoules per hour,
- three (3) side-mounted natural gas-fired make-up air heating units, each having a maximum heat input of 4,747,500 kilojoules per hour, and
- three (3) natural gas-fired roof-top make-up air heating units, two (2) of which each having a maximum heat input of 216,300 kilojoules per hour and one (1) having a maximum heat input of 1,450,700 kilojoules per hour;
- welding operations, consisting of two (2) metal inert gas (MIG) welding units and one (1) plasma cutting unit, and one (1) exhaust complete with flexible exhaust duct to serve the welding table, exhausting into the atmosphere at a volumetric flow rate of 0.2 cubic metre per second, through a stack, having an exit diameter of 0.2 metre, extending 2.0 metres above the roof and 9.0 metres above grade;
- two (2) portable parts cleaning benches, used for the cleaning of mechanical parts with a petroleum-based degreasing compound, each having a maximum degreasing compound usage rate of 2.0 litres per hour, exhausting into the atmosphere through the building ventilation or an exhaust extraction duct; and
- one (1) underbody cleaning area exhaust, to serve the underbody steam cleaning area where the buses are hoisted up and their underbodies cleaned with a cleaning agent and rinsed with pressurized hot water/steam, with a maximum application rate of the cleaning agent at 4.0 litres per hour, exhausting into the atmosphere at a volumetric flow rate of 1.0 cubic metre per second through two vents, each having a pick-up surface area of 0.2 cubic metre, each having an exit diameter of 0.2 metre, extending 2.0 metres above the roof and 7.0 metres above grade;

all in accordance with the Application for a Certificate of Approval (Air), dated February 25, 2003 and signed by Kristian Smith, Jacques Whitford Environment Limited in accordance with the letter of authorization dated January 10, 2003 and signed by Barbara Collett, P.Eng., OC Transpo, City of Ottawa, and all supporting information associated with the application including additional information provided by Jacques Whitford Environment Limited on behalf of OC Transpo,

City of Ottawa, dated October 9, 2003 and signed by Kristian Smith, and dated August 31, 2004 and jointly signed by Ben Whiting, P.Eng. and My Chau Thai.

For the purpose of this Certificate of Approval and the terms and conditions specified below, the following definitions apply:

- (1) "Act" means the *Environmental Protection Act*;
- (2) "Certificate" means this Certificate of Approval issued in accordance with Section 9 of the Act;
- (3) "Equipment" means the one (1) diesel generator set described in the Company's application, this Certificate and in the supporting documentation submitted with the application, to the extent approved by this Certificate;
- (4) "Facility" means the entire operation in the site including the Equipment as listed in the Certificate;
- (5) "Manual" means a document or a set of documents that provide written instructions to staff of the Owner;
- (6) "Ministry" means the Ontario Ministry of the Environment;
- (7) "Owner" means City of Ottawa; and
- (8) "Publication NPC-205" means Ministry Publication NPC-205, Sound Level Limits for Stationary Sources in Class 1 & 2 Areas (Urban), October, 1995.

You are hereby notified that this approval is issued to you subject to the terms and conditions outlined below:

TERMS AND CONDITIONS

1. The Company shall ensure that the noise emissions from the Facility comply with the limits set in Publication NPC-205.

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

1. Condition No. 1 is included to provide the minimum performance requirement considered necessary to prevent an adverse effect resulting from the operation of the Facility.

In accordance with Section 139 of the Environmental Protection Act, R.S.O. 1990, Chapter E-19, as amended, you may by written notice served upon me and the Environmental Review Tribunal within 15 days after receipt of this Notice, require a hearing by the Tribunal. Section 142 of the Environmental Protection Act, provides that the Notice requiring the hearing shall state:

1. The portions of the approval or each term or condition in the 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.

The Notice should also include:

3. The name of the appellant;
4. The address of the appellant;
5. The Certificate of Approval number;
6. The date of the Certificate of Approval;
7. The name of the Director;
8. The municipality within which the works are located;

And the Notice should be signed and dated by the appellant.

This Notice must be served upon:

CONTENT COPY OF ORIGINAL

The Secretary*
Environmental Review Tribunal
2300 Yonge St., 12th Floor
P.O. Box 2382
Toronto, Ontario
M4P 1E4

AND

The Director
Section 9, *Environmental Protection Act*
Ministry of Environment and Energy
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) 314-4600, Fax: (416) 314-4506 or www.ert.gov.on.ca**

The above noted works are approved under Section 9 of the Environmental Protection Act.

DATED AT TORONTO this 19th day of October, 2005

Victor Low, P.Eng.
Director
Section 9, *Environmental Protection Act*

RW/
c: District Manager, MOE Ottawa District Office
Ben Whiting, P.Eng., Jacques Whitford Environment Limited