

Ministry of the Environment, Conservation and Parks Ministère de l'Environnement, de la Protection de la nature et des Parcs

ENVIRONMENTAL COMPLIANCE APPROVAL

NUMBER A-500-4128046796

Version: 1.0

Issue Date: November 4, 2021

Pursuant to section 20.3 of the Environmental Protection Act, R.S.O. 1990, c. E. 19 and subject to all other applicable Acts or regulations this Environmental Compliance Approval is issued to:

THE CATHEDRAL CHURCH OF ST. JAMES

635 PARLIAMENT STREET TORONTO ONTARIO M4X 1R1

For the following site:

635 Parliament Street, Toronto, Ontario.

Upon issuance of the environmental compliance approval, I hereby revoke Approval No(s) 8021-7SMKJK, issued on June 29, 2009.

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) natural gas fired cremation units (Power-Pak II Plus), each having a total maximum heat input of 3,165,168 kilojoules per hour, discharging into the air via a stack, having an exit diameter of 0.51 metre, extending 3.3 metres above the roof and 10.8 metres above grade;
- one (1) grinder;

All in accordance with the Application for an Environmental Compliance Approval (Air &Noise), dated April 26, 2021 and signed by Joyce Badley; Acoustic Assessment Report prepared by Trinity Consultants, dated April 16, 2021 and signed by Ramesh Sivasenthinathan; and all the information associated with the application.

DEFINITIONS

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. "CEM System" means the continuous emission monitoring system consisting of continuous monitors and recording devices;
- 3. "Company" means The Cathedral Church of St. James 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. "Date of Commissioning" means the first day on which the Company begins to operate the Equipment at the Facility for the cremation of human remains;
- 5. "District Manager" means the District Manager of the appropriate local district office of the Ministry, where the Facility is geographically located;
- 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 two (2) cremation units, 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. "ESDM report" means the Emission Summary and Dispersion Modelling Report which was prepared in accordance with section 26 of O. Reg. 419/05 and the Procedure Document by Trinity Consultants and dated March 24, 2021, submitted in support of the application, and includes any changes to the report made up to the date of issuance of this Approval;
- 10. "Facility" means the entire operation located on the property where the Equipment is located;
- 11. "Manager" means the Manager, Technology Standards Section, Technical Assessment and Standards Development Branch, who has been appointed under section 5 of the *EPA* for the purposes of the section 11(1)2 of *O. Reg. 419/05*, or any other person who represents and carries out the duties of the Manager, Technology Standards Section, Technical Assessment and Development Branch, as those duties relate to the conditions of this *Approval*;
- 12. "Manual" means a document or a set of documents that provide written instructions to staff of the Company;
- 13. "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;
- 14. "Pre-Test Plan" means a plan for the Source Testing including the information required in section 5 of the Source Testing Code;
- 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.
- 16. "Report EPS 1/PG/7" means the document titled "Protocols and Performance Specifications for Continuous Monitoring of Gaseous Emissions from Thermal Power Generation Report EPS 1/PG/7" published by Environment Canada in December 2005, as modified;
- 17. "Schedules" means the following schedules attached to this Approval and forming part of this Approval namely:
 - Schedule 1 Continuous Emission Monitoring System.
 - Schedule 2 Test Contaminants.
 - Schedule 3- Source Testing Procedures.
- 18. "Source Testing Code" means the Ontario Source Testing Code, dated June 2010, prepared by the *Ministry*, as amended;
- 19. "Source Testing" means sampling and testing to measure emissions resulting from operating the Equipment at a level of maximum production within the approved operating range of the Equipment which satisfies paragraph 2 of subsection 11(1) of *O. Reg.* 419/05;
- 20. "Test Contaminants" means those contaminants set out in Schedule 2 of this Approval;

TERMS AND CONDITIONS

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

1. PERFORMANCE REQUIREMENTS

The Company shall ensure that the Equipment is designed and operated to comply, at all times, with the following performance requirements:

1. OPERATING PARAMETERS

- a. the temperature at the outlet of the primary combustion chamber, as recorded by the CEM System, shall be at least 800 degrees Celsius for at least 30 minutes during the last part of each cremation:
- b. the temperature in the secondary combustion chamber, as recorded by the CEM System, shall be at least 1,000 degrees Celsius before the primary combustion chamber is loaded and thereafter throughout each cremation; and
- c. the residence time of the combustion gases in the secondary combustion chamber shall be at a minimum one second at a temperature of at least 1,000 degrees Celsius.

2. EMISSION CONCENTRATION LIMITS

- a. the concentration of oxygen in the undiluted flue gas leaving the secondary chamber, as recorded by the CEM System, shall not be less than 6 percent by volume on a dry basis, calculated as a 10-minute average;
- b. the half-hour average concentration of carbon monoxide in the undiluted flue gases leaving the secondary combustion chamber, as recorded by the CEM System, shall not exceed 100 parts per million by volume, on a dry basis normalized to 11 percent oxygen at a reference temperature of 25 degrees Celsius and a reference pressure of 101.3 kilopascals; and
- c. the concentration of organic matter having a carbon content, expressed as equivalent methane, being an average of ten measurements taken at approximately one minute intervals, shall not be greater than 100 parts per million by volume, measured on an undiluted basis.

3. NOISE

a. The Company shall, at all times, ensure that the noise emissions from the Facility comply with the limits set in Ministry Publications NPC-300.

2. OPERATION AND MAINTENANCE

- 1. The Company shall ensure that the Facility/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, an Operational and Maintenance Manual outlining the operating procedures and a maintenance program for the Equipment, including:
 - i. the routine and emergency operating and maintenance procedures in accordance with good engineering practice, including annual inspection procedures as recommended by the Equipment and CEM System suppliers;
 - ii. emergency procedures;

- iii. procedures to control all discharges from the Equipment in the event of loss or failure of power source to the Equipment;
- iv. procedures for any record keeping activities relating to the operation and maintenance of the Equipment;
- v. procedures for operator training which is to be provided by an individual experienced with the Equipment;
- vi. procedures for optimizing the operation of the Equipment to minimize the emissions from the Equipment; and
- vii. the procedures for recording and responding to complaints regarding the operation of the Equipment;
- b. implement the recommendations of the Operational and Maintenance Manual;
- 2. The Company shall ensure that the primary combustion chamber is not loaded unless the associated CEM System is fully operational;
- 3. The Company shall make all reasonable efforts to ensure that all metallic handles are removed from the caskets before they are loaded into the Equipment; and
- 4. The Company shall install and maintain visual and audible alarm systems to alert the Equipment operators of any potential deviation from the above Performance Requirements for parameters that are continuously monitored by applicable CEM System and shall forthwith take all reasonable actions to bring the Equipment into compliance with all Performance Requirements.

3. COMPLAINTS RESPONSE PROCEDURE

If at any time, the Company receives any environmental complaints from the public regarding the operation of the Facility, the Company shall respond to these complaints according to the following procedure:

- 1. The Company shall record each environmental complaint and notify the District Manager, in writing within two (2) business days of the receipt of a complaint, including the following information:
 - a. nature of the complaint;
 - b. weather conditions and wind direction at the time of the complaint;
 - c. name and address of the complainant (if provided); and
 - d. time and date of the complaint and incident to which the complaint relates.
- 2. The Company shall forthwith take appropriate steps to determine all possible causes of the complaint and to eliminate the cause of the complaint. A written reply shall be provided to the complainant, if known and if requested by the complainant, within three (3) business days of receipt of the complaint by the Company.

4. SOURCE TESTING

The Company shall perform Source Testing in accordance with the procedures outlined in the attached Schedule 3, to determine the rate of emission of the Test Contaminants from the Equipment.

5. CONTINUOUS MONITORING

The Company shall, prior to the commencement of operation of the Equipment, install and subsequently conduct and maintain a program to continuously monitor:

1. the temperature at the outlet of the primary chamber of the Equipment;

- 2. the temperature at the location in the secondary chamber of the cremator where the minimum retention time of the combustion gases at a minimum temperature of 1000 degrees Celsius for at least one second is achieved; and
- 3. the concentration of carbon monoxide and the concentration of oxygen in the undiluted gases leaving the secondary chamber of the Equipment.

The CEM System shall be equipped with continuous recording devices and shall comply with the requirements outlined in the attached Schedule 1.

6. RECORD RETENTION

The Company shall maintain and retain for a minimum of two (2) years from the date of their creation, all records and information related to or resulting from the operation of the Equipment, and monitoring and recording activities required by this Approval. These records shall be made available to staff of the Ministry upon request in a timely manner. The Company shall retain:

- 1. number of monthly cremations;
- 2. records of each load processed by the Equipment including:
 - a. a description of the material of construction of the casket;
 - b. type of finish on the casket;
 - c. description of any hardware not removed from the casket;
 - d. estimated weight of the body and casket; and
 - e. start and finish time of the cremation;
- 3. all original records produced by the Source Testing and the recording devices associated with the CEM System;
- 4. records of all excursions from the applicable Performance Requirements as measured by the CEM System, duration of the excursions, reasons for the excursions and corrective measures taken to eliminate the excursions;
- 5. all records on maintenance, repair and inspection of the Equipment and the CEM System;
- 6. description of any upset conditions associated with the operation of the Equipment and remedial action taken;
- 7. all records on operator training, including:
 - a. date of training;
 - b. name and signature of person who has been trained; and
 - c. description of the training provided;
- 8. all records on the environmental complaints, including:
 - a. a description, time and date of the incident;
 - b. wind direction at the time of the incident; and
 - c. a description of the measures taken to address the cause of the incident and to prevent a similar occurrence in the future.

REASONS

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 Equipment/Facility.
- 2. Condition Nos. 2 and 3 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.
- 3. Condition Nos. 4 and 5 are included to require the Company to gather accurate information so that the environmental impact and subsequent compliance with the EPA, the regulations and this Approval can be verified.
- 4. Condition No. 6 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.

APPEAL PROVISIONS

In accordance with Section 139 of the *Environmental Protection Act*, you may by written notice served upon me and the Ontario Land Tribunal, within 15 days after the service of this notice, require a hearing by the Tribunal. You must also provide notice to, the Minister of the Environment, Conservation and Parks in accordance with Section 47 of the *Environmental Bill of Rights*, 1993 who 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:

- *I.* 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;
- II. 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:

- *I.* The name of the appellant;
- II. The address of the appellant;
- III. The environmental compliance approval number;
- IV. The date of the environmental compliance approval;
- V. The name of the Director, and;
- VI. 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 The Minister of the The Director appointed for the purposes 655 Bay Street, Suite Environment. of Part II.1 of the Environmental 1500 Conservation and Protection Act and and Toronto, Ontario Parks Ministry of the Environment, 777 Bay Street, 5th Conservation and Parks M5G 1E5

OLT.Registrar@ontario. Floor 135 St. Clair Avenue West, 1st Floor

<u>ca</u> Toronto, Ontario Toronto, Ontario M7A 2J3 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 <u>ero.ontario.ca</u>, 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 4th day of November, 2021

Nerved Ragbar

Director

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

c: Shajetha Sabanathan, Trinity Consultants Ontario Inc. Joyce Badley, THE CATHEDRAL CHURCH OF ST. JAMES Ramesh Sivasenthinathan, Trinity Consultants Ontario Inc.

The following schedules are a part of this environmental compliance approval:

SCHEDULE 1

Continuous Emission Monitoring System

PARAMETER: Temperature

LOCATION: The sample point for the Continuous Temperature Monitor shall be located in:

- 1. the outlet of the primary chamber; and
- 2. the secondary chamber where the minimum retention time of the combustion gases at a minimum temperature of 1000 degrees Celsius for at least one second is achieved.

PERFORMANCE: The Continuous Temperature Monitor shall meet the following minimum performance specifications for the following parameters:

Type: shielded "K" type thermocouple, or equivalent Accuracy: ± 1.5 percent of the minimum gas temperature

DATA RECORDER: The data recorder must be capable of registering continuously the measurement of the monitor without a significant loss of accuracy and with a time resolution of 1 minutes or better.

RELIABILITY: The monitor shall be operated and maintained so that accurate data is obtained during a minimum of 95 percent of the time for each calendar quarter.

PARAMETER: Oxygen

The Continuous Oxygen Monitor shall be installed at an accessible location where the measurements are representative of the actual concentration of oxygen in the undiluted gases leaving the secondary chamber of the Equipment and shall meet the following installation specifications:

Range (percentage): 0 to 25

Calibration Gas Ports: close to the sample point

PERFORMANCE: The Continuous Oxygen Monitor shall meet the following minimum performance specifications for the following parameters.

Span Value (percentage): 80 to 100% of full scale

Relative Accuracy: maximum 10 percent of the mean value of the reference method test data

Calibration Error: 0.5 percent O2

System Bias: +/- 5 ppm

Procedure for Zero and Span Calibration check: all system components checked

Zero Calibration Drift (24-hour): maximum 0.5 percent O2 Span Calibration Drift (24-hour): maximum 0.5 percent O2

Response Time (90 percent response to a step change): maximum 180 seconds Operational Test Period: minimum 168 hours without corrective maintenance

CALIBRATION: Daily calibration drift checks on the monitor shall be performed and recorded in accordance with the requirements of Report EPS 1/PG/7.

DATA RECORDER: The data recorder must be capable of registering continuously the measurement of the monitor with an accuracy of 0.5 percent of a full scale reading or better and with a time resolution of 2 minutes or better.

RELIABILITY: The monitor shall be operated and maintained so that accurate data is obtained during a minimum of 90 percent of the time for each calendar quarter during the first full year of operation, and 95 percent, thereafter.

PARAMETER: Carbon Monoxide

The Continuous Carbon Monoxide Monitor shall be installed at an accessible location where the measurements are representative of the actual concentration of carbon monoxide in the undiluted gases leaving the secondary chamber of the Equipment and shall meet the following installation specifications:

Range (parts per million, ppm): 0 to > 100Calibration Gas Ports: close to the sample point

PERFORMANCE: The Continuous Carbon Monoxide Monitor shall meet the following minimum performance specifications for the following parameters:

Span Value (nearest ppm equivalent): 80 to 100% of full scale

Relative Accuracy: maximum 10 percent of the mean value of the reference method test data or \pm 5 ppm whichever is greater

Calibration Error: maximum 2 percent of actual concentration

System Bias: maximum 4 percent of the mean value of the reference method test data Procedure for Zero and Span Calibration Check: all system components checked

Zero Calibration Drift (24-hour): maximum 5 percent of span value Span Calibration Drift (24-hour): maximum 5 percent of span value

Response Time (90 percent response to a step change): maximum 180 seconds Operational Test Period: minimum 168 hours without corrective maintenance

CALIBRATION: Daily calibration drift checks on the monitor shall be performed and recorded in accordance with the requirements of Report EPS 1/PG/7.

DATA RECORDER: The data recorder must be capable of registering continuously the measurement of the monitor with an accuracy of 0.5 percent of a full scale reading or better and with a time resolution of 2 minutes or better.

RELIABILITY: The monitor shall be operated and maintained so that accurate data is obtained during a minimum of 90 percent of the time for each calendar quarter during the first full year of operation, and 95 percent, thereafter.

SCHEDULE 2

Test Contaminants

Total Suspended Particulate Matter

Total Hydrocarbons Compounds (Total Gaseous Non-Methane Organics)

Hydrogen Chloride

List of Metals:

Antimony

Arsenic

Barium

Bervllium

Cadmium

Chromium

Cobalt

Copper

Lead

Leau

Mercury

Molybdenum

Nickel

Selenium

Silver

Thallium

Vanadium

Zinc

List of Dioxins, Furans and Dioxin-like PCBs

- 2,3,7,8-Tetrachlorodibenzo-p-dioxin [2,3,7,8-TCDD]
- 1,2,3,7,8-Pentachlorodibenzo-p-dioxin [1,2,3,7,8-PeCDD]
- 1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin [1,2,3,4,7,8-HxCDD]
- 1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin [1,2,3,6,7,8-HxCDD]
- 1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin [1,2,3,7,8,9-HxCDD]
- 1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin [1,2,3,4,6,7,8-HpCDD]
- 1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin [1,2,3,4,6,7,8,9-OCDD]
- 2,3,7,8-Tetrachlorodibenzofuran [2,3,7,8-TCDF]
- 2,3,4,7,8-Pentachlorodibenzofuran [2,3,4,7,8-PeCDF]
- 1,2,3,7,8-Pentachlorodibenzofuran [1,2,3,7,8-PeCDF]
- 1,2,3,4,7,8-Hexachlorodibenzofuran [1,2,3,4,7,8-HxCDF]
- 1,2,3,6,7,8-Hexachlorodibenzofuran [1,2,3,6,7,8-HxCDF]
- 1,2,3,7,8,9-Hexachlorodibenzofuran [1,2,3,7,8,9-HxCDF]
- 2,3,4,6,7,8-Hexachlorodibenzofuran [2,3,4,6,7,8-HxCDF]
- 1,2,3,4,6,7,8-Heptachlorodibenzofuran [1,2,3,4,6,7,8-HpCDF]
- 1,2,3,4,7,8,9-Heptachlorodibenzofuran [1,2,3,4,7,8,9-HpCDF]
- 1,2,3,4,6,7,8,9-Octachlorodibenzofuran [1,2,3,4,6,7,8,9-OCDF]
- 3,3',4,4'-Tetrachlorobiphenyl [3,3',4,4'-tetraCB (PCB 77)]
- 3,4,4',5- Tetrachlorobiphenyl [3,4,4',5-tetraCB (PCB 81)]
- 3,3',4,4',5- Pentachlorobiphenyl (PCB 126) [3,3',4,4',5-pentaCB (PCB 126)]
- 3,3',4,4',5,5'- Hexachlorobiphenyl [3,3',4,4',5,5'-hexaCB (PCB 169)]
- 2,3,3',4,4'- Pentachlorobiphenyl [2,3,3',4,4'-pentaCB (PCB 105)]
- 2,3,4,4',5- Pentachlorobiphenyl [2,3,4,4',5-pentaCB (PCB 114)]
- 2,3',4,4',5- Pentachlorobiphenyl [2,3',4,4',5-pentaCB (PCB 118)]
- 2',3,4,4',5- Pentachlorobiphenyl [2',3,4,4',5-pentaCB (PCB 123)]

2,3,3',4,4',5- Hexachlorobiphenyl [2,3,3',4,4',5-hexaCB (PCB 156)]

2,3,3',4,4',5'- Hexachlorobiphenyl [2,3,3',4,4',5'-hexaCB (PCB 157)]

2,3',4,4',5,5'- Hexachlorobiphenyl [2,3',4,4',5,5'-hexaCB (PCB 167)]

2,3,3',4,4',5,5'- Heptachlorobiphenyl [2,3,3',4,4',5,5'-heptaCB (PCB 189)]

List of Polycyclic Organic Matter:

Acenaphthylene

Acenaphthene

Anthracene

Benzo(a)anthracene

Benzo(b)fluoranthene

Benzo(k)fluoranthene

Benzo(a)fluorene

Benzo(b)fluorene

Benzo(ghi)perylene

Benzo(a)pyrene

Benzo(e)pyrene

2-Chloronaphthalene

Chrysene

Coronene

Dibenzo(a,c)anthracene

9,10-Dimethylanthracene

7,12-Dimethylbenzo(a)anthracene

Fluoranthene

Fluorene

Indeno(1,2,3-cd)pyrene

2-Methylanthracene

3-Methylcholanthrene

1-Methylnaphthalene

2-Methylnaphthalene

1-Methylphenanthrene

9-Methylphenanthrene

Naphthalene

Perylene

Phenanthrene

Picene

Pyrene

Tetralin

Triphenylene

SCHEDULE 3

Source Testing Procedure

- 1. The Company shall submit, at least three (3) months prior to the Date of Commissioning of the Equipment, to the Manager, a Pre-Test Plan for the Source Testing required under this Approval.
- 2. The Company shall finalize the Pre-Test Plan in consultation with the Manager.
- 3. The Company shall not commence the Source Testing required under this Approval until the Manager has approved the Pre-Test Plan.
- 4. The Company shall notify the Manager, District Manager, and Director in writing of the location, date and time of any impending Source Testing required by this Approval, at least fifteen (15) days prior to the Source Testing.
- 5. The Company shall complete the Source Testing, no later than three (3) months after the Date of Commissioning of the Equipment or two (2) months after the Manager has approved the Pre-Test Plan, whichever occurs later.
- 6. The Company shall submit a report on the Source Testing to the Manager, District Manager, and Director not later than two (2) months after completing the Source Testing. The report shall be in the format described in the Source Testing Code, and shall also include, but not be limited to:
 - a. an executive summary;
 - b. all records of the operating conditions at the time of Source Testing, including but not limited to the following:
 - i. description of the material of construction of the casket;
 - ii. type of finish on the casket;
 - iii. description of any hardware not removed from the casket;
 - iv. estimated weight of the body as per the information obtained from the funeral home;
 - v. start and finish time of each cremation;
 - c. all records produced by the CEM System;
 - d. all records of the cremator settings during the cremation;
 - e. the results of Source Testing, including the emission rate and emission concentration of the Test Contaminants;
 - f. the results of dispersion calculations using the results of Source Testing to estimate emissions from the Equipment in accordance with O. Reg. 419, indicating the maximum concentrations of the Test Contaminants at the Point of Impingement;
 - g. a tabular comparison of calculated emission rates and emission factors based on Source Testing results for the Test Contaminants to relevant estimates described in the ESDM Report, and,
 - h. results of the calculation of the residence time of the combustion gases in the secondary combustion chamber at a minimum temperature of 1000 degrees Celsius; and
 - i. recommendations for optimizing the operation of the Equipment to minimize the emissions from the Equipment.
- 7. If the Source Testing results are higher than the emission estimates in the Company's ESDM Report, the Company shall update their ESDM Report in accordance with section 26 of O.Reg. 419/05 with

the results from the Source Testing report and make these records available for review by staff of the Ministry upon request. The updated Emission Summary Table from the updated ESDM Report shall be submitted with the report on the Source Testing.

- 8. The Director may not accept the results of the Source Testing if:
 - a. the Source Testing Code or requirements of the Manager were not followed;
 - b. the Company did not notify the Manager, District Manager and Director of the Source Testing; or
 - c. the Company failed to provide a complete report on the Source Testing.
- 9. If the Director does not accept the results of the Source Testing, the Director may require re-testing. If re-testing is required, the Pre-Test Plan strategies need to be revised and submitted to the Manager for approval. The actions taken to minimize the possibility of the Source Testing results not being accepted by the Director must be noted in the revision.