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

AMENDED ENVIRONMENTAL COMPLIANCE APPROVAL
NUMBER 7635-DSYM9G
Issue Date: July 14, 2026

Owens Corning Insulating Systems Canada GP Inc., as general partner for and on behalf of
Owens Corning Insulating Systems Canada LP
3450 McNicoll Ave
Toronto, Ontario
M1V 1Z5

Site Location: 3450 McNicoll Avenue
Toronto City, Ontario
M1V 1Z5

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:

Description Section

A glass fibre insulation products manufacturing facility, consisting of the following processes and support units:

- raw material handling;
- glass melting furnaces;
- glass conditioning, channels and forehearths;
- insulation production line (TO-1);
- unbonded loosefill production line (TO-2);
- two (2) wet electrostatic precipitators (WEP) serving the production lines of TO-1 and TO-2;
- natural gas-fired comfort heating equipment;
- one (1) regenerative thermal oxidizer (RTO) system, having a three (3) chamber design, equipped with three (3) natural gas-fired burners and thermocouples in each combustion chamber, a continuous temperature monitoring and recording system, and one (1) process fan, handling 9.44 cubic metres per second of process exhaust gas from a curing oven associated with the TO-1 line, and discharging to the air through a stack having an exit diameter of 0.89 metre and extending 20.5 metres above the roof and 40 metres above grade;

including the Equipment and any other ancillary and support processes and activities, operating at a Facility Production Limit of up to **240 tonnes of bare molten glass per day**, discharging to the air as described in the ESDM Report.

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

1. "Abatement Plan" means the document titled "Owens Corning Toronto Plant - Revised Abatement Plan" dated August 2025 (as amended), developed by the Company and approved by the District Manager, that includes the identification and assessment of preventative and control measures to reduce the maximum Point of Impingement concentration of Hexavalent Chromium;

2. "ACB list" means the document entitled "Air Contaminants Benchmarks (ACB) List: Standards, guidelines and screening levels for assessing point of impingement concentrations of air contaminants", as amended from time to time and published by the Ministry and available on a Government website;

3. "Acceptable Point of Impingement Concentration" means a concentration accepted by the Ministry as not likely to cause an adverse effect for a Compound of Concern that,

    a. is not identified in the ACB list, or

    b. is identified in the ACB list as belonging to the category "Benchmark 2" and has a concentration at a Point of Impingement that exceeds the concentration set out for the contaminant in that document.

    With respect to the Original ESDM Report, the Acceptable Point of Impingement Concentration for a Compound of Concern mentioned above is the concentration set out in the Original ESDM Report;

4. "Acoustic Assessment Report" means the report, prepared in accordance with Publication NPC-233 and Appendix A of the Basic Comprehensive User Guide, by HGC Engineering Limited, signed by Danielle Mota, and dated December 11, 2025, submitted in support of the application, that documents all sources of noise emissions and Noise Control Measures present at the Facility, as updated in accordance with Condition 5 of this Approval;

5. "Acoustic Assessment Summary Table" means a table prepared in accordance with the Basic Comprehensive User Guide summarising the results of the Acoustic Assessment Report, as updated in accordance with Condition 5 of this Approval;

6. "Approval" means this entire Environmental Compliance Approval and any Schedules to it;

7. "Basic Comprehensive User Guide" means the Ministry document titled "Basic Comprehensive Certificates of Approval (Air) User Guide" dated March 2011, as amended;

8. "Best Management Practices for industrial sources of odour" means the Ministry publication"Best Management Practices for industrial sources of odour", January 31, 2017, as amended;

9. "Company" means **Owens Corning Insulating Systems Canada GP Inc., as general partner for and on behalf of Owens Corning Insulating Systems Canada LP**, 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;

10. "Compound of Concern" means a contaminant described in paragraph 4 subsection 26 (1) of O. Reg. 419/05, namely, a contaminant that is discharged from the Facility in an amount that is not negligible;

11. "Description Section" means the section on page one of this Approval describing the Company's operations and the Equipment located at the Facility and specifying the Facility Production Limit for the Facility;

12. "Director" means a person appointed for the purpose of section 20.3 of the EPA by the Minister pursuant to section 5 of the EPA;

13. "District Manager" means the District Manager of the appropriate local district office of the Ministry, where the Facility is geographically located;

14. "Emission Summary Table" means a table described in paragraph 14 of subsection 26 (1) of O. Reg. 419/05;

15. "Environmental Assessment Act" means the *Environmental Assessment Act,* R.S.O. 1990, c.E.18;

16. "EPA" means the *Environmental Protection Act,* R.S.O. 1990, c.E.19;

17. "Equipment" means equipment or processes described in the ESDM Report, this Approval and in the Schedules referred to herein and any other equipment or processes;

18. "Equipment with Specific Operational Limits" means the regenerative thermal oxidizer (RTO), and any Equipment related to the thermal oxidation of waste or waste derived fuels, fume incinerators or any other Equipment that is specifically referenced in any published Ministry document that outlines specific operational guidance that must be considered by the Director in issuing an Approval;

19. "ESDM Report" means the most current Emission Summary and Dispersion Modelling Report that describes the Facility. The ESDM Report is based on the Original ESDM Report and is updated after the issuance of this Approval in accordance with section 26 of O. Reg. 419/05 and the Procedure Document;

20. "Facility" means the entire operation located on the property where the Equipment is located;

21. "Facility Production Limit" means the production limit placed by the Director on the main product(s) or raw materials used by the Facility;

22. “Hexavalent Chromium” means the contaminant identified by the Chemical Abstract Number 18540-29-9;

23. "Highest Ranking Person" means the highest ranking person regularly present at the Facility who has management responsibilities relating to the Facility;

24. "Log" means a document that contains a record of each change that is required to be made to the ESDM Report and Acoustic Assessment Report, including the date on which the change occurred. For example, a record would have to be made of a more accurate emission rate for a source of contaminant, more accurate meteorological data, a more accurate value of a parameter that is related to a source of contaminant, a change to a Point of Impingement and all changes to information associated with a Modification to the Facility that satisfies Condition 2;

25. "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;

26. "Ministry" means the ministry of the Minister;

27. "Modification" means any construction, alteration, extension or replacement of any plant, structure, equipment, apparatus, mechanism or thing, or alteration of a process or rate of production at the Facility that may discharge or alter the rate or manner of discharge of a Compound of Concern to the air or discharge or alter noise or vibration emissions from the Facility;

28. "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;

29. "Odour Management Plan" means a document, prepared by a Professional Engineer, which describes the measures to minimize odour emissions from the Facility and/or Equipment;

30. "Operational Availability" means the percentage of time during which a WEP unit is operating while the TO-1 or TO-2 production lines are operating or generating process exhaust gases requiring treatment by the WEP units;

31. "O. Reg. 419/05" means Ontario Regulation 419/05: Air Pollution – Local Air Quality, made under the EPA;

32. "Organic Matter" means organic matter having carbon content expressed as equivalent methane;

33. "Original 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 Montrose Environmental Solutions Canada Inc., signed by Arjun Tandalam, and dated December 11, 2025, submitted in support of the application, and includes any changes to the report made up to the date of issuance of this Approval;

34. "Point of Impingement" has the same meaning as in section 2 of O. Reg. 419/05;

35. "Point of Reception" means Point of Reception as defined by Publication NPC-300;

36. "Pre-Test Plan" means a plan for the Source Testing including the information required in Section 5 of the Source Testing Code;

37. "Procedure Document" means Ministry guidance document titled "Procedure for Preparing an Emission Summary and Dispersion Modelling Report" dated March 2018, as amended;

38. "Processes with Significant Environmental Aspects" means the Equipment which, during regular operation, would discharge one or more contaminants into the air in an amount which is not considered as negligible in accordance with section 26 (1) 4 of O. Reg. 419/05 and the Procedure Document;

39. "Publication NPC-207" means the Ministry draft technical publication "Impulse Vibration in Residential Buildings", November 1983, supplementing the Model Municipal Noise Control By-Law, Final Report, published by the Ministry, August 1978, as amended;

40. "Publication NPC-233" means the Ministry Publication NPC-233, "Information to be Submitted for Approval of Stationary Sources of Sound", October, 1995, as amended;

41. "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;

42. "RTO" means the regenerative thermal oxidizer described in the Company's application, this Approval and in the supporting documentation referred to herein, to the extent approved by this Approval;

43. "Source Testing" means site-specific sampling and testing to measure the rates of emissions of Test Contaminants from the Source identified in Schedule C of this Approval under operating conditions that will derive an emission rate that, for the relevant averaging period of the contaminant, is at least as high as the maximum emission rate that the source of contaminant is reasonably capable of, or a rate approved by the Manager within the approved operating range of the Equipment which satisfies paragraph 1 of subsection 11(1) of O. Reg. 419/05;

44. "Source Testing Code" means the Ontario Source Testing Code, dated June 2010, prepared by the Ministry, as amended;

45. "Targeted Sources” means the sources listed in Schedule C of this Approval;

46. "Test Contaminants" means the contaminants as defined in Schedule C of this Approval;

47. "Schedules" means the following schedules attached to this Approval and forming part of this Approval namely:

- Schedule A - Supporting Documentation
- Schedule B - Continuous Temperature Monitoring and Recording System Requirements;
- Schedule C - Source Testing - Targeted Sources and Test Contaminants
- Schedule D - Source Testing Procedures

48. "Toxicologist" means a qualified professional currently active in the field of risk assessment and toxicology that has a combination of formal university education, training and experience necessary to assess contaminants;

49. "WEP" means the wet electrostatic precipitators described in the Company's application, this Approval and in the supporting documentation referred to herein, to the extent approved by this Approval; and

50. "Written Summary Form" means the electronic questionnaire form, available on the Ministry website, that documents whether Modifications were undertaken at the Facility and compliance with the Approval, in the previous calendar year.

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. GENERAL

1. Except as otherwise provided by this Approval, the Facility shall be designed, developed, built, operated and maintained in accordance with the terms and conditions of this Approval and in accordance with the following Schedules attached hereto:

   - Schedule A - Supporting Documentation
   - Schedule B - Continuous Temperature Monitoring and Recording System Requirements;
   - Schedule C - Source Testing - Targeted Sources and Test Contaminants
   - Schedule D - Source Testing Procedures

2. OPERATIONAL FLEXIBILITY

1. Pursuant to section 20.6 (1) of the EPA and subject to Conditions 2.2 and 2.3 of this Approval, future construction, alterations, extensions or replacements are approved in this Approval if the future construction, alterations, extensions or replacements are Modifications to the Facility that:

    a. are within the scope of the operations of the Facility as described in the Description Section of this Approval;

    b. do not result in an increase of the Facility Production Limit above the level specified in the Description Section of this Approval;

    c. result in compliance with the performance limits as specified in Condition 4; and

    d. do not result in any increase in the discharge of Hexavalent Chromium from the Facility, as described in the Original ESDM Report.

2. Condition 2.1 does not apply to,

    a. the addition of any new Equipment with Specific Operational Limits or to the Modification of any existing Equipment with Specific Operational Limits at the Facility; and

    b. Modifications to the Facility that would be subject to the Environmental Assessment Act.

3. Condition 2.1 of this Approval shall expire on December 31, 2028, unless this Approval is revoked prior to the expiry date. The Company may apply for renewal of Condition 2.1 of this Approval by including an ESDM Report and an Acoustic Assessment Report that describes the Facility as of the date of the renewal application.

3. REQUIREMENT TO REQUEST AN ACCEPTABLE POINT OF IMPINGEMENT CONCENTRATION

1. Prior to making a Modification to the Facility that satisfies Condition 2.1, the Company shall prepare a proposed update to the ESDM Report to reflect the proposed Modification.

2. The Company shall request approval of an Acceptable Point of Impingement Concentration for a Compound of Concern if the Compound of Concern is not identified in the ACB list as belonging to the category "Benchmark 1" and a proposed update to an ESDM Report indicates that one of the following changes with respect to the concentration of the Compound of Concern may occur:

    a. The Compound of Concern was not a Compound of Concern in the previous version of the ESDM Report and

    i. the concentration of the Compound of Concern exceeds the concentration set out for the contaminant in the ACB list; or

    ii. the Compound of Concern is not identified in the ACB list; or

  b. The concentration of the Compound of Concern in the updated ESDM Report exceeds the higher of,

    i. the most recent Acceptable Point of Impingement Concentration, and

    ii. the concentration set out for the contaminant in the ACB list, if the contaminant is identified in that document.

3. The request required by Condition 3.2 shall propose a concentration for the Compound of Concern and shall contain an assessment, performed by a Toxicologist, of the likelihood of the proposed concentration causing an adverse effect at Points of Impingement.

4. If the request required by Condition 3.2 is a result of a proposed Modification described in Condition 3.1, the Company shall submit the request, in writing, to the Director at least 30 days prior to commencing to make the Modification. The Director shall provide written confirmation of receipt of this request to the Company.

5. If a request is required to be made under Condition 3.2 in respect of a proposed Modification described in Condition 3.1, the Company shall not make the Modification mentioned in Condition 3.1 unless the request is approved in writing by the Director.

6. If the Director notifies the Company in writing that the Director does not approve the request, the Company shall,

   a. revise and resubmit the request; or

   b. notify the Director that it will not be making the Modification.

7. The re-submission mentioned in Condition 3.6 shall be deemed a new submission under Condition 3.2.

8. If the Director approves the request, the Company shall update the ESDM Report to reflect the Modification.

9. Condition 3 does not apply if Condition 2.1 has expired.

4. PERFORMANCE LIMITS

1. Subject to Conditions 4.2 and 4.3, the Company shall not discharge or cause or permit the discharge of a Compound of Concern into the air if,

   a. the Compound of Concern is identified in the ACB list as belonging to the category "Benchmark 1" and the discharge results in the concentration at a Point of Impingement exceeding the Benchmark 1 concentration; or

   b. the Compound of Concern is not identified in the ACB list as belonging to the category “Benchmark 1” and the discharge results in the concentration at a Point of Impingement exceeding the higher of,

      i. if an Acceptable Point of Impingement Concentration exists, the most recent Acceptable Point of Impingement Concentration, and

      ii. the concentration set out for the contaminant in the ACB list, if the contaminant is identified in that document.

2. Condition 4.1 does not apply if the benchmark set out in the ACB list has a 10-minute averaging period and no ambient monitor indicates an exceedance at a Point of Impingement where human activities regularly occur at a time when those activities regularly occur.

3. Condition 4.1 does not apply in respect of the discharge of Hexavalent Chromium from the Facility.

4. 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.

5. The Company shall, at all times, ensure that the vibration emissions from the Facility comply with the limits set out in Ministry Publication NPC-207.

6. The Company shall operate any Equipment with Specific Operational Limits approved by this Approval in accordance with the Original ESDM Report.

5. DOCUMENTATION REQUIREMENTS

1. The Company shall maintain an up-to-date Log.

2. No later than March 31 in each year, the Company shall update the Acoustic Assessment Report and shall update the ESDM Report in accordance with section 26 of O. Reg. 419/05 so that the information in the reports is accurate as of December 31 in the previous year.

3. The Company shall make the Emission Summary Table (see section 27 of O. Reg. 419/05) and Acoustic Assessment Summary Table available for examination by any person, without charge, by posting it on the Internet or by making it available during regular business hours at the Facility.

4. The Company shall, within three (3) months after the expiry of Condition 2.1 of this Approval, update the ESDM Report and the Acoustic Assessment Report such that the information in the reports is accurate as of the date that Condition 2.1 of this Approval expired.

5. Conditions 5.1 and 5.2 do not apply if Condition 2.1 has expired.

6. WRITTEN SUMMARY FORM

1. Subject to Condition 6.2, the Company shall prepare, and make available to the Ministry upon request, no later than June 30 of each year, a Written Summary Form signed by the Highest Ranking Person.
2. Condition 6.1 does not apply if:
   a. Condition 2.1 has expired; and
   b. the Written Summary Form has been completed for the year in which Condition 2.1 expired.

7. OPERATION AND MAINTENANCE

1. The Company shall prepare and implement, not later than three (3) months from the date of this Approval, operating procedures and maintenance programs for all Processes with Significant Environmental Aspects, that shall specify at a minimum:

   a. frequency of inspections and scheduled preventative maintenance;

   b. procedures to prevent upset conditions and spills;

   c. the routine and emergency operating and maintenance procedures of the RTO, in accordance with the manufacturer's recommendations;

   d. the calibration procedures of the continuous temperature monitoring and recording system of RTO;

e. the operator training which is to be provided by an individual experienced with the RTO;

f. the procedures for optimizing the operation of the RTO to minimize the emissions from the regenerative thermal oxidizer system;

g. the periodic inspection of the RTO which is to be conducted by individuals experienced with the systems;

h. the procedures for recording and responding to complaints regarding the operation of the RTO;

i. procedures to minimize all fugitive emissions;

j. procedures to prevent and/or minimize odorous emissions;

k. procedures to prevent and/or minimize noise emissions; and

l. procedures for record keeping activities relating to the operation and maintenance programs.

2. The Company shall prepare and implement, not later than three (3) months from the date of commissioning, operating procedures and maintenance programs for the WEP units, that shall specify at a minimum:

a. frequency of inspections and scheduled preventative maintenance;

b. procedures to prevent upset conditions and spills;

c. the routine and emergency operating and maintenance procedures of the WEP, in accordance with the manufacturer's recommendations;

d. the operator training which is to be provided by an individual experienced with the WEP;

e. the procedures for optimizing the operation of the WEP units to maximize the collection efficiency;

f. the periodic inspection of the WEP units which is to be conducted by individuals experienced with the systems;

g. procedures for recording and responding to complaints regarding the operation of the WEP units; and

h. procedures for record keeping related to the operation and maintenance of the WEP units.

3. The Company shall ensure that all Processes with Significant Environmental Aspects are operated and maintained in accordance with this Approval, the operating procedures and maintenance programs.

4. The Company shall ensure that the combustion chamber of the regenerative thermal oxidizer (RTO) is not loaded unless the continuous temperature monitoring system is fully operational.

5. The Company shall operate the WEP units at all times when the TO-1 and TO-2 production lines are operating or generating process exhaust gases requiring treatment by the WEP units, except during periods of maintenance or repair.

    a. The combined cumulative downtime of the WEP units, including all maintenance, repair, and by-pass of the WEP units, shall not exceed 1,200 hours in any calendar year;

    b. The simultaneous downtime of both WEP units shall not exceed 400 hours in any calendar year. The simultaneous downtime of both WEP units shall be counted separately for each WEP unit toward the cumulative downtime limit specified in Condition 7.5.a.

    c. Each WEP unit shall maintain an Operational Availability of not less than 87 percent; and

    d. Each occurrence of downtime shall be recorded, either electronically or in a logbook, including, at a minimum, the date, duration, affected WEP units, and the cause of the event. The records shall be maintained up to date and made available to the Ministry upon request.

8. COMPLAINTS RECORDING AND REPORTING

1. If at any time, the Company receives an environmental complaint from the public regarding the operation of the Equipment approved by this Approval, the Company shall take the following steps:

    a. Record and number each complaint, either electronically or in a log book. The record shall include the following information: the time and date of the complaint and incident to which the complaint relates, the nature of the complaint, wind direction at the time and date of the incident to which the complaint relates and, if known, the address of the complainant.

    b. Notify the District Manager of the complaint within two (2) business days after the complaint is received, or in a manner acceptable to the District Manager.

    c. Initiate appropriate steps to determine all possible causes of the complaint, and take the necessary actions to appropriately deal with the cause of the subject matter of the complaint.

    d. Complete and retain on-site a report written within five (5) business days of the complaint date. The report shall list the actions taken to appropriately deal with the cause of the complaint and set out steps to be taken to avoid the recurrence of similar incidents.

9. RECORD KEEPING REQUIREMENTS

1. Any information requested by any employee in or agent of the Ministry concerning the Facility and its operation under this Approval, including, but not limited to, any records required to be kept by this Approval, shall be provided to the employee in or agent of the Ministry, upon request, in a timely manner.

2. Unless otherwise specified in this Approval, the Company shall retain, for a minimum of five (5) years from the date of their creation all reports, records and information described in this Approval, including,

    a. a copy of the Original ESDM Report and each updated version;

    b. a copy of each version of the Acoustic Assessment Report;

    c. supporting information used in the emission rate calculations performed in the ESDM Reports and Acoustic Assessment Reports;

    d. the records in the Log;

    e. copies of each Written Summary Form prepared under Condition 6.1 of this Approval;

    f. records of maintenance, repair and inspection of Equipment related to all Processes with Significant Environmental Aspects;

    g. all records related to environmental complaints made by the public as required by Condition 8 of this Approval;

    h. records generated by the continuous temperature monitoring and recording system for the RTO;

    i. all records related to the key operating parameters for all WEP units, as well as records of downtime including maintenance, repair, and the by-pass events.

10. THERMAL OXIDIZER OPERATION

1. The Company shall install, conduct and maintain a program to continuously monitor temperature in the combustion chamber of the RTO. The continuous monitoring system shall be equipped with continuous recording devices and shall comply with the requirements outlined in the attached Schedule B.

2. The Company shall operate the RTO such that:

   a. the temperature in the combustion chamber shall be maintained at a minimum of 650 degrees Celsius, as measured by the continuous monitoring and recording system, throughout the combustion cycle;

   b. the residence time of the combustion gases in the combustion chamber shall be not less than 1.57 seconds at a temperature of not less than 650 degrees Celsius;

   c. The concentration of total organic matter having a carbon content in the flue gas of the RTO, 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.

11. ODOUR CONTROL MANAGEMENT

1. The Company shall ensure that, at all times, take all reasonable measures to prevent odorous emissions and odour impacts from all potential sources at the Facility.

2. The Company shall submit to the District Manager, an Odour Management Plan that includes measures in place and proposed, to prevent odour impacts of the Facility buildings on nearby receptors, no later than three (3) months after the date of this Approval or as otherwise indicated by the District Manager.

3. The Odour Management Plan shall include, at minimum:

    a. Facility and process descriptions including a list of all potential sources of odour;

    b. best management practices described in Ministry's Best Management Practices for Industrial Sources of Odour to ensure the effective implementation of the odour impact reduction measures, including:

        i. periodic preventative activities and their frequency;

        ii. inspection and maintenance procedures; and

        iii. record keeping practices for odour complaints and steps taken to address each complaint, including corrective actions and monitoring of corrective actions to ensure the effectiveness of the corrective actions.

4. The Company shall:

    a. update and revise the Odour Management Plan within three (3) months of the implementation of any proposed modifications that may impact odour emissions;

    b. review and evaluate the Odour Management Plan for the control of odour emissions once every twelve (12) months from the date of this Approval, or at a frequency directed, or agreed to in writing by the District Manager;

    c. record the results of each annual review and evaluation, and update the Odour Management Plan accordingly; and

    d. maintain the updated Odour Management Plan at the Facility and make it available to Ministry staff upon request.

12. ABATEMENT PLAN

1. The Company shall implement the Abatement Plan for the mitigation of Hexavalent Chromium emission.

2. The Company shall update the Abatement Plan as necessary, in consultation with the District Manager, or at the direction of the District Manager.

13. SOURCE TESTING

1. The Company shall:

   a. perform Source Testing in accordance with the procedures in Schedule D to determine the rates of emissions of the Test Contaminants from the Targeted Sources listed in Schedule C; and

   b. conduct the Source Testing required by Condition No. 13.1.a. of this Approval, for Hexavalent Chromium, once per calendar year for two (2) years, in accordance with the procedures set out in this Approval and the schedule specified in the Abatement Plan.

2. The Company shall:

   a. during each Source Testing program, monitor and record the key operating parameters of each wet electrostatic precipitator (WEP) unit, including, at a minimum:

      i. voltage; and

      ii. amperage.

   b. include the recorded operating parameter data, as identified in Condition 13.2.a, in the Source Testing report submitted to the Manager, the District Manager, and the Director.

14. ENVIRONMENTAL COMPLIANCE APPROVAL APPLICATION

1. The Company shall submit an application for review of the Approval no later than December 31, 2028.

15. CHANGE OF OWNERSHIP

1. The Company shall notify the Director in writing, and forward a copy of the notification to the District Manager, within thirty (30) days of the occurrence of any of the following changes to Facility operations:

    a. the ownership of the Facility;

    b. the operator of the Facility;

    c. the address of the Company;

    d. the partners, where the Company is or any time becomes a partnership and a copy of the most recent declaration filed under the Business Names Act, R.S.O. 1990, c. B.17, shall be included in the notification; or

    e. the name of the corporation where the Company is or at any time becomes a corporation, other than a municipal corporation, and a copy of the most current information filed under the Corporations Information Act, R.S.O. 1990, c. C.39, shall be included in the notification.

2. In the event of any change in ownership of the Facility, the Company shall notify the successor of the existence of this Approval and provide the successor with a copy of this Approval, and the Company shall provide a copy of the notification to the District Manager and the Director.

16. REVOCATION OF PREVIOUS APPROVALS

1. This Approval replaces and revokes all Certificates of Approval (Air) issued under section 9 EPA and Environmental Compliance Approvals issued under Part II.1 EPA to the Facility in regards to the activities mentioned in subsection 9(1) of the EPA and dated prior to the date of this Approval.

SCHEDULE A - Supporting Documentation

1. Environmental Compliance Approval Application, dated December 11, 2025, signed by Jacquelyn Desloges, and submitted by the Company;

2. Emission Summary and Dispersion Modelling Report, prepared by Montrose Environmental Solutions Canada Inc., signed by Arjun Tandalam, and dated December 11, 2025;

3. Acoustic Assessment Report, prepared by HGC Engineering Limited, signed by Danielle Mota, and dated December 11, 2025.

4. Additional information, prepared by Montrose Environmental Solutions Canada Inc., signed by Arjun Tandalam, and submitted by email on April 24, 2026, and May 04, 2026.

SCHEDULE B - Continuous Temperature Monitoring and Recording System Requirements

LOCATION:
The sample point for the continuous temperature monitoring and recording system shall be located in the combustion chamber of the regenerative thermal oxidizer (RTO) where the minimum retention time of the combustion gases of not less than 1.57 seconds at a minimum temperature of 650 degrees Celsius is achieved.

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

	PARAMETERS	SPECIFICATION
1.	Type:	shielded "K" type thermocouple, or equivalent.
2.	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 minute 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.

SCHEDULE C - Source Testing - Targeted Sources and Test Contaminants

Targeted Sources	Test Contaminants
Oven RTO Stack (013)	• Odour • Suspended particulate matter • Total organic matter (Methane) • Nitrogen oxides • Carbon monoxide • Sulphur dioxide • Acetaldehyde • Ammonia • Benzene
Common source for all forming emissions (FORM)	• Odour • Suspended particulate matter • Hexavalent Chromium • Chromium compounds • Carbon monoxide • Sulphur dioxide • Acetaldehyde
TO-1 Cooling Stack (024)	• Suspended particulate matter
TO-1 Furnace Dust Collector (004)	• Hexavalent Chromium • Suspended particulate matter • Respirable crystalline silica
TO-2 Furnace Dust Collector Stack (294)	• Suspended particulate matter • Hexavalent Chromium • Sulphur dioxide • Respirable crystalline silica
Combined roof vent stack (RV_STCK)	• Odour • Hexavalent Chromium • Chromium compounds • Sulphur dioxide • Suspended particulate matter • Respirable crystalline silica
Any new odour and/or suspended particulate matter emission source (not listed in the Original ESDM Report) that is identified after the date of this Approval, having a potential impact at the Sensitive Receptors, and Source Testing can be conducted on the emission source.	• Odour; and / or • Suspended particulate matter

Notes: Source Testing shall be conducted under normal equipment operating conditions to determine the maximum total odour emission from the Facility.

SCHEDULE D - Source Testing Procedures

1. The Company shall determine the timing of each Source Testing program in consultation with the District Manager, in accordance with the conditions of this Approval, the implementation schedule of the Abatement Plan, and the operational status of the WEP units.

2. The Company shall submit to the Manager, for each Source Testing program required under this Approval, a Pre-Test Plan not later than three (3) months prior to the Source Testing date, or within a timeframe otherwise approved in writing by the Manager. 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, the District Manager and the 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 submit a report on the Source Testing to the Manager (electronic format), the District Manager and the Director (electronic and hard copy formats) not later than three (3) 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:
    1. an executive summary;
    2. an identification of the applicable North American Industry Classification System code (NAICS) for the Facility;
    3. records of operating conditions at the time of Source Testing, including but not limited to the following:
        a. production data and equipment operating rate as a percentage of maximum capacity;
        b. Facility/process information related to the operation of the Equipment;
        c. Continuous Monitoring System data at the time of Source Testing; and
        d. temperature and residence time of the secondary combustion chamber.
    4. results of Source Testing, including the emission rate, emission concentration, and relevant emission factor of the Test Contaminants from the Targeted Sources;
    5. 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.

6. The Director may not accept the results of the Source Testing if:
    1. the Source Testing Code or the requirement of the Manager were not followed;
    2. the Company did not notify the Manager, the District Manager and Director of the Source Testing; or
    3. the Company failed to provide a complete report on the Source Testing.

7. If the Director does not accept the result 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.

8. The Company shall update their ESDM Report in accordance with Section 26 of O. Reg. 419/05 and the Procedure Document with the results from the Source Testing, not later than three (3) months after the submission of the Source Testing report and make these records available for review by staff of the Ministry upon request.

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

1. **GENERAL**
   Condition No. 1 is included to require the Approval holder to build, operate and maintain the Facility in accordance with the Supporting Documentation in Schedule A considered by the Director in issuing this Approval.

2. **OPERATIONAL FLEXIBILITY, REQUIREMENT TO REQUEST AN ACCEPTABLE POINT OF IMPINGEMENT CONCENTRATION AND PERFORMANCE LIMITS**
   Conditions No. 2, 3 and 4 are included to limit and define the Modifications permitted by this Approval, and to set out the circumstances in which the Company shall request approval of an Acceptable Point of Impingement Concentration prior to making Modifications. The holder of the Approval is approved for operational flexibility for the Facility that is consistent with the description of the operations included with the application up to the Facility Production Limit. In return for the operational flexibility, the Approval places performance based limits that cannot be exceeded under the terms of this Approval. Approval holders will still have to obtain other relevant approvals required to operate the Facility, including requirements under other environmental legislation such as the Environmental Assessment Act.

3. **DOCUMENTATION REQUIREMENTS**
   Condition No. 5 is included to require the Company to maintain ongoing documentation that demonstrates compliance with the performance limits as specified in Condition 4 of this Approval and allows the Ministry to monitor on-going compliance with these performance limits. The Company is required to have an up to date ESDM Report and Acoustic Assessment Report that describe the Facility at all times and make the Emission Summary Table and Acoustic Assessment Summary Table from these reports available to the public on an ongoing basis in order to maintain public communication with regard to the emissions from the Facility.

4. **WRITTEN SUMMARY FORM**
   Condition No. 6 is included to require the Company to prepare, and make available to the Ministry upon request, a yearly Written Summary Form, to assist the Ministry with the review of the site's compliance with the EPA, the regulations and this Approval.

5. **OPERATION AND MAINTENANCE**
   Condition No. 7 is included to require the Company to properly operate and maintain the Processes with Significant Environmental Aspects to minimize the impact to the environment from these processes.

6. **COMPLAINTS RECORDING AND REPORTING PROCEDURE**
   Condition No. 8 is included to require the Company to respond to any environmental complaints regarding the operation of the Equipment, according to a procedure that includes methods for preventing recurrence of similar incidents and a requirement to prepare and retain a written report.

7. **RECORD KEEPING REQUIREMENTS**
   Condition No. 9 is included to require the Company to retain all documentation related to this Approval and provide access to employees in or agents of the Ministry, upon request, so that the Ministry can determine if a more detailed review of compliance with the performance limits as specified in Condition 4 of this Approval is necessary.

8. **THERMAL OXIDIZER OPERATION**
   Condition No. 10 is included to provide minimum operation and performance requirements considered necessary to prevent an adverse effect resulting from the operation of the pollution control equipment.

9. **ODOUR CONTROL MANAGEMENT**
   Condition No. 11 is included to emphasize that the Facility/Equipment must be maintained and operated according to a procedure that will result in compliance with the EPA, the Regulations and this Approval.

10. **ABATEMENT PLAN**
    Condition No. 12 is included to require the Company to implement an Abatement Plan designed to appropriately manage contaminant emissions from the Facility to achieve compliance with the EPA, O. Reg. 419/05 and this Approval.

11. **SOURCE TESTING**
Condition No. 13 is included to require the Company to gather accurate information so that compliance with the EPA, the regulations and this Approval can be verified.

12. **ENVIRONMENTAL COMPLIANCE APPROVAL APPLICATION**
Condition No. 14 is included as a result of efforts by the Ministry to reduce the point of impingement for Hexavalent Chromium and to provide an opportunity, at a future date, for the Company and Ministry to review the predicted impacts of Hexavalent Chromium emissions from the Facility to prevent an adverse effect resulting from the operation of the Equipment

13. **CHANGE OF OWNERSHIP**
Condition No. 15 is included to require the Company to notify/report to the Ministry so that compliance with the EPA, the regulations and this Approval can be verified.

14. **REVOCATION OF PREVIOUS APPROVALS**
Condition No. 16 is included to identify that this Approval replaces all Section 9 Certificate(s) of Approval and Part II.1 Approvals in regards to the activities mentioned in subsection 9(1) of the EPA and dated prior to the date of this Approval.

Upon issuance of the environmental compliance approval, I hereby revoke Approval No(s).
9909-9DGPA5 issued on January 6, 2014

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 655 Bay Street, Suite 1500 Toronto, Ontario M5G 1E5 OLT.Registrar@ontario.ca	and	The Minister of the Environment, Conservation and Parks 777 Bay Street, 5th Floor Toronto, Ontario M7A 2J3	and	The Director appointed for the purposes of Part II.1 of the *Environmental Protection Act* 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 14th day of July, 2026

Nancy Orpana

Nancy E Orpana, P.Eng.
Director
appointed for the purposes of Part II.1 of the
Environmental Protection Act

VA/
c: District Manager, MECP Toronto - District
Arjun Tandalam, Montrose Environmental Solutions Canada Inc.