

AMENDED ENVIRONMENTAL COMPLIANCE APPROVAL

NUMBER 3510-CAZUTD
Issue Date: March 11, 2022

Decora Powder Coatings Ltd.
24 Benfield Dr Building C
St. Catharines, Ontario
L2S 3V5

Site Location: Decora Powder Coatings Ltd.
24 Benfield Dr Building C
St. Catharines City, Regional Municipality Of Niagara
L2S 3V5

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) exhaust fans, designated as S1 and S3, serving main washer operations, each discharging to the air at a maximum volumetric flow rate of 2.27 cubic metres per second, through a stack having an exit diameter of 0.71 metre, extending 2.74 metres above the roof and 9.78 metres above grade;
- one (1) natural gas-fired burner associated with the main washer, designated as S2, having a maximum thermal output rating of 3,700,000 kilojoules per hour, discharging to the air at a maximum volumetric flow rate of 0.41 cubic metre per second, through a stack, having an exit diameter of 0.21 metre, extending 2.29 metres above the roof and 9.32 metres above grade;
- one (1) natural gas-fired burner associated with the main line dry-off oven, designated as S4, having a maximum thermal output rating of 2,430,000 kilojoules per hour, discharging to the air at a maximum volumetric flow rate of 1.42 cubic metres per second, through a stack, having an exit diameter of 0.51 metre, extending 3.05 metres above the roof and 10.08 metres above grade;
- three (3) natural gas-fired burners associated with the main cure oven, designated as S5, having a combined maximum thermal output rating of 10,440,000 kilojoules per hour, discharging to the air at a maximum volumetric flow rate of 2.93 cubic metres per second, through a stack, having an exit diameter of 0.36 metre, extending 3.38 metres above the roof and 10.41 metres above grade;

- two (2) exhaust fans, designated as S6 and S8, serving Dunnage Washer operations, each discharging to the air at a maximum volumetric flow rate of 1.42 cubic metres per second, through a stack having an exit diameter of 0.71 metre, extending 2.74 metres above the roof and 9.78 metres above grade;
- one (1) natural gas-fired burner associated with the Dunnage Washer, designated as S7, having a maximum thermal output rating of 2,640,000 kilojoules per hour, discharging to the air at a maximum volumetric flow rate of 0.29 cubic metre per second, through a stack, having an exit diameter of 0.36 metre, extending 2.29 metres above the roof and 9.32 metres above grade;
- one (1) natural gas-fired burner associated with Dunnage dry-off oven, designated as S9, having a maximum thermal output rating of 1,160,000 kilojoules per hour, discharging to the air at a maximum volumetric flow rate of 1.32 cubic metres per second, through a stack, having an exit diameter of 0.51 metre, extending 3.05 metres above the roof and 10.08 metres above grade;
- one (1) natural gas-fired burner associated with the batch cure/dry-off oven, designated as S10, having a maximum thermal output rating of 3,690,000 kilojoules per hour, discharging to the air at a maximum volumetric flow rate of 1.46 cubic metres per second, through a stack, having an exit diameter of 0.51 metre, extending 2.44 metres above the roof and 9.47 metres above grade;
- one (1) exhaust serving diesel-fired batch parts washer, designated as S11, discharging to the air at a maximum volumetric flow rate of 2.12 cubic metres per second, through a stack, having an exit diameter of 0.36 metre, extending 3.05 metres above the roof and 10.08 metres above grade;
- one (1) burn-off oven equipped with one (1) natural gas-fired burner in the primary chamber and one (1) natural gas-fired burner in the secondary chamber, designated as S12, having a total maximum thermal input rating of 317,000 kilojoules per hour, discharging to the air at a maximum volumetric flow rate of 1.5 cubic metres per second, through a stack, having an exit diameter of 0.51 metre, extending 2.98 metres above the roof and 10.02 metres above grade;
- one (1) natural gas-fired burner associated with the Decoral Oven, designated as S13, having a maximum thermal output rating of 950,000 kilojoules per hour, discharging to the air at a maximum volumetric flow rate of 0.11 cubic metre per second, through a stack, having an exit diameter of 0.11 metre, extending 3.35 metres above the roof and 10.39 metres above grade; and
- fugitive emissions from the Main Line Powder Booth and the Batch Booth dust collectors;

all in accordance with the:

- Environmental Compliance Approval Application dated August 11, 2021 and signed by Blake Baldassi, (Production Manager), Decora Powder Coatings Ltd., and all supporting information associated with the application including Emission Summary and Dispersion Modelling Report provided by RWDI Air Inc., dated May 18, 2021 and signed by Joe DeYoe; and Acoustic Assessment Report prepared by RWDI AIR Inc., dated September 28, 2020 and signed by John DeYoe, Peter VanDelden and Eva Johnston-Iafelice; and

- Environmental Compliance Approval Application dated August 2, 2013 and signed by Ed Baldassi, (President), Decora Powder Coatings Ltd., and all supporting information associated with the application including Emission Summary and Dispersion Modelling Report provided by Envirotech Associates Limited, dated July 31, 2013 and signed by Henry Vens; and Acoustic Assessment Report provided by Swallow Acoustic Consultants Ltd., dated June 27, 2013 and signed by Pearlie Yung.

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. "Burn-off Oven" means the burn-off oven as well as the thermocouples and continuous temperature recorder described in the Company's application, this Approval and in the supporting documentation submitted with the application, to the extent approved by this Approval;
3. "Company" means Decora Powder Coatings Ltd. 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. "District Manager" means the District Manager of the appropriate local district office of the Ministry, where the Facility is geographically located;
5. "EPA" means the *Environmental Protection Act*, R.S.O. 1990, c.E.19;
6. "Equipment" means the equipment and 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;
7. "Facility" means the entire operation located on the property where the Equipment is located;
8. "Manual" means a document or a set of documents that provide written instructions to staff of the Company;
9. "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;
10. "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 operate the Burn-off Oven in such a manner that:
 - a. The burner flame in the secondary chamber is established before the primary chamber is fired;
 - b. The temperature in the secondary chamber, as measured by the thermocouple, is maintained at a minimum of 760 degrees Celsius at all times when the primary chamber is loaded and heat cleaning is in progress;
 - c. The burner in the primary chamber is automatically turned off, if the secondary burner fails; and
 - d. No substances containing chlorinated and/or fluorinated compounds, including polyvinyl chloride and Teflon, are loaded into the Equipment.
2. The Company shall restrict the operation of the diesel-fired batch parts washer to a maximum of two (2) hours per day.
3. 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; and
 - b. implement the recommendations of the Manual.

2. MONITORING

1. The Company shall continuously monitor and record the temperature in the secondary chamber of the Equipment, when the Burn-off Oven is in operation. The continuous temperature monitoring and recording system shall comply with the requirements outlined in Schedule "A".

3. 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. daily records of the actual operating temperature in the secondary chamber of the Burn-off Oven;
 - c. daily records of materials loaded into the Burn-off Oven; and
 - d. 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.

4. 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.

5. 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.

SCHEDULE "A"

LOCATION:

The sample point for the continuous temperature monitoring and recording system shall be located at a location where the measurements are representative of the minimum temperature of the gases leaving the secondary chamber of the Equipment.

PERFORMANCE:

The continuous temperature monitoring and recording system shall meet the following minimum performance specifications for the following parameters:

PARAMETERS	SPECIFICATION
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.

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

1. Condition Nos. 1 and 2 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.
2. Condition No. 3 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. 4 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. 5 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). 8408-A8QK58 issued on April 18, 2016.

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

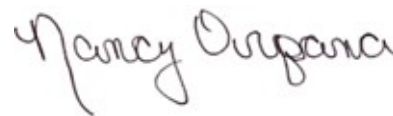
The Director appointed for the purposes of
Part II.1 of the *Environmental Protection Act*
Ministry of the Environment,
Conservation and Parks
135 St. Clair Avenue West, 1st Floor
Toronto, Ontario
M4V 1P5

*** 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 11th day of March, 2022



Nancy E Orpana, P.Eng.
Director

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

AA/

c: District Manager, MECP Niagara District Office
Joe DeYoe, RWDI Air Inc.