

**AMENDED ENVIRONMENTAL COMPLIANCE APPROVAL**

NUMBER 0711-BL4S64

Issue Date: November 16, 2020

IZA Design & Manufacturing Inc.  
1960 Road 3 East  
Kingsville, Ontario  
N9Y 2E5

**Site Location:** 212 Wigle Avenue  
Kingsville, Ontario

*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:*

- fifteen (15) welding stations, exhausting to the air at a maximum flow rate of 9.30 cubic metres per second, through a common stack having an exit diameter of 1.38 metres, extending 6.10 metres above the roof and 13.10 metres above grade;
- one (1) paint booth, having a maximum paint consumption rate of 13.0 litres per hour, equipped with dry type filters, discharging to the air at a maximum flow rate of 8.47 cubic metres per second, through a common stack having an exit diameter of 0.66 metre, extending 7.5 metres above the roof and 12.5 metres above grade;
- one (1) plasma cutter exhaust, equipped with an electrostatic high performance type air filter, discharging into the air at at a maximum flow rate of 1.56 cubic metres per second, through a common stack having an exit diameter of 0.36 metre, extending 2.0 metres above the roof and 9.0 metres above grade;

all in accordance with the Application for an Environmental Compliance Approval (Air and Noise) and all supporting information dated December 23, 2019 and signed by Kate Nelson of IZA Design & Manufacturing Inc.

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

1. "*Acoustic Assessment Report*" means the report, prepared in accordance with Publication NPC-233 submitted in support of the application, that documents all sources of noise emissions and Noise Control Measures present and proposed at the Facility. "*Acoustic Assessment Report*" also means the report prepared by RWDI AIR Inc., dated October 2, 2020 and signed by Brad Bergeron;

2. "*Acoustic Audit*" means an investigative procedure consisting of measurements and/or acoustic modelling of all sources of noise emissions due to the operation of the Facility, assessed to determine compliance with the performance limits for the Facility regarding noise emissions, completed in accordance with the procedures set in Publication NPC-103 and reported in accordance with Publication NPC-233;
3. "*Acoustic Audit Report*" means a report presenting the results of an Acoustic Audit, prepared in accordance with Publication NPC-233;
4. "*Acoustical Consultant*" means a person currently active in the field of environmental acoustics and noise/vibration control, who is familiar with Ministry noise guidelines and procedures and has a combination of formal university education, training and experience necessary to assess noise emissions from a Facility;
5. "*Approval*" means this Environmental Compliance Approval, including the application and supporting documentation listed above;
6. "*Company*" means IZA Design & Manufacturing Inc., that is responsible for the construction or operation of the *Facility* and includes any successors and assigns;
7. "*District Manager*" means the District Manager of the appropriate local district office of the *Ministry*, where the *Facility* is geographically located;
8. "*EPA*" means the Environmental Protection Act, R.S.O. 1990, c.E.19, as amended ;
9. "*Equipment*" means all the equipment described in the *Company's* application, this *Approval* and in the supporting documentation submitted with the application, to the extent approved by this *Approval*;
10. "*Facility*" means the entire operation located on the property where the *Equipment* is located;
11. "*Independent Acoustical Consultant*" means an Acoustical Consultant who is not representing the *Company* and was not involved in preparing the Acoustic Assessment Report or the design/implementation of Noise Control Measures for the Facility and/or Equipment. The Independent Acoustical Consultant shall not be retained by the Acoustical Consultant involved in the noise impact assessment or the design/implementation of Noise Control Measures for the Facility and/or Equipment;
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. "*Noise Control Measures*" means measures to reduce the noise emission from the

Facility including, but not limited to silencers, acoustic louvres, enclosures, absorptive treatment, plenums and barriers, as outlined in the Acoustic Assessment Report;

15. "*Paint Booth*" means the paint booth described in the *Company's* application, this *Approval* and in the supporting documentation submitted with the application, to the extent approved by this *Approval*;
16. "*Publication NPC-103*" means the Ministry Publication NPC-103 of the Model Municipal Noise Control By-Law, Final Report, August 1978, as amended;
17. "*Publication NPC-233*" means the Ministry Publication NPC-233, "Information to be Submitted for Approval of Stationary Sources of Sound", October 1995, as amended; and
18. "*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 raise the *Paint Booth* exhaust stack to a minimum height of 7.5 metres above the roof and 12.5 metres above grade, not later than sixty (60) days after the date of issuance of this *Approval*.
2. The *Company* shall ensure that the *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, 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 particulate matter, noise and

odorous emissions from all potential sources, including procedures to keep the building under negative pressure and doors closed during the operation of the paint spray booth;

b. implement the recommendations of the *Manual*.

## 2. 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. 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.

## 3. 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;
  - b. the time and date of the incident to which the complaint relates; and
  - c. 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. NOISE

1. The *Company* shall, at all times, ensure that the noise emissions from the *Facility* comply with the limits set in *Publication NPC-300*.
2. The *Company* shall ensure that the *Noise Control Measures* detailed in the *Acoustic Assessment Report* are implemented at the *Facility* within six (6) months of the issuance of this *Approval*.

3. The *Company* shall ensure that the *Noise Control Measures* are properly maintained and continue to provide the acoustical performance outlined in the *Acoustic Assessment Report*.

## 5. ACOUSTIC AUDIT

1. The *Company* shall carry out *Acoustic Audit* measurements on the actual noise emissions due to the operation of the *Facility*. The *Company*:
  - a. shall carry out *Acoustic Audit* measurements in accordance with the procedures in *Publication NPC-103*;
  - b. shall submit an *Acoustic Audit Report* on the results of the *Acoustic Audit*, prepared by an *Independent Acoustical Consultant*, in accordance with the requirements of *Publication NPC-233*, to the *District Manager* and the *Director*, not later than three (3) months after the full implementation of the *Noise Control Measures*.
2. The *Director*:
  - a. may not accept the results of the *Acoustic Audit* if the requirements of *Publication NPC-233* were not followed;
  - b. may require the *Company* to repeat the *Acoustic Audit* if the results of the *Acoustic Audit* are found unacceptable to the *Director*.

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

1. Condition No. 1 is included to emphasize that the *Equipment* must be maintained and operated according to a procedure that will result in compliance with the *EPA*, the *Regulations* and this *Approval*.
2. Condition No. 2 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. 3 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. 4 is included to provide the minimum performance requirements considered necessary to prevent an adverse effect resulting from the operation of the *Facility*.
5. Condition No. 5 is included to require the *Company* to gather accurate information and submit an *Acoustic Audit Report* in accordance with procedures set in the *Ministry's* noise guidelines, so that the environmental impact and subsequent

compliance with this Approval can be verified.

**Upon issuance of the environmental compliance approval, I hereby revoke Approval No(s). 0643-B37LKE issued on January 21, 2019.**

*In accordance with Section 139 of the Environmental Protection Act, you may by written Notice served upon me, the Environmental Review Tribunal and in accordance with Section 47 of the Environmental Bill of Rights, 1993, 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 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:*

The Secretary* Environmental Review Tribunal 655 Bay Street, Suite 1500 Toronto, Ontario M5G 1E5	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
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**\* Further information on the Environmental Review Tribunal's requirements for an appeal**

can be obtained directly from the Tribunal at: Tel: (416) 212-6349, Fax: (416) 326-5370 or [www.ert.gov.on.ca](http://www.ert.gov.on.ca)

*This instrument is subject to Section 38 of the Environmental Bill of Rights, 1993, that allows residents of Ontario to seek leave to appeal the decision on this instrument. Residents of Ontario may seek leave to appeal within 15 days from the date this decision is placed on the Environmental Registry. By accessing the Environmental Registry at <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 16th day of November,  
2020

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

QN/  
c: Area Manager, MECP Windsor Area Office  
c: District Manager, MECP Sarnia District Office  
Brad Bergeron, RWDI