

**AMENDMENT TO ENVIRONMENTAL COMPLIANCE APPROVAL**

NUMBER 6254-9LVQ3V

Notice No. 4

Issue Date: March 25, 2025

Imperial Oil Limited  
602 Christina St S  
Post Office Box, No. 3004  
Sarnia, Ontario  
N7T 7M5

**Site Location:** 602 Christina Street South  
Sarnia City, County of Lambton

*You are hereby notified that I have amended Approval No. 6254-9LVQ3V issued on October 15, 2015 for a hydrocarbon and chemical products manufacturing facility , as follows:*

The definition of "Equipment with Specific Operational Limits" in Environmental Compliance Approval Number 6254-9LVQ3V issued October 15, 2015, as amended by Notice No.1 issued June 14, 2024, Notice No.2 issued July 26, 2024 and Notice No.3 issued October 25, 2024 is removed and replaced with the following:

*"Equipment with Specific Operational Limits" means all Equipment listed in Schedule "B", including incinerators F-3300 and F-3301, boiler F-507, gas turbine generator GTG, heat recovery steam generator HRSG, SPEC dock thermal oxidizer, Area 3 benzene rail loading rack thermal oxidizer, Degassing Operations Thermal Oxidizer, Floating Operations Thermal Oxidizer 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.*

The definition of "Short Term Thermal Oxidizer" in Environmental Compliance Approval Number 6254-9LVQ3V issued October 15, 2015, as amended by Notice No.1 issued June 14, 2024, Notice No.2 issued July 26, 2024 and Notice No.3 issued October 25, 2024 is removed and replaced with the following:

*"Short Term Thermal Oxidizers" means the Degassing Operations Thermal Oxidizer and Floating Operations Thermal Oxidizer as described in Schedule "B".*

all other definitions in the *Approval* remain unchanged.

Term and Condition No. 11 of Environmental Compliance Approval Number 6254-9LVQ3V issued October 15, 2015, as amended by Notice No.1 issued June 14, 2024, Notice No.2 issued July 26, 2024 and Notice No.3 issued October 25, 2024 is removed and replaced with the following:

## **11. THERMAL OXIDIZER OPERATION DURATION**

1. The *Company* shall cease operation of the *Thermal Oxidizers* by December 31, 2025.
2. The *Company* shall cease operation of the *Short Term Thermal Oxidizers* by December 31, 2025.

all other Terms and Conditions in the *Approval* remain unchanged.

The following equipment has been added to Schedule "B" Equipment with Specific Operational Limits:

### **Degassing Operations Thermal Oxidizer**

- one (1) propane or natural gas fired thermal oxidizer to control emissions during the degassing of tanks TK4028 and TK4029, having a maximum heat input of 10.55 gigajoules per hour (10,000,000 british thermal units per hour), exhausting into the atmosphere at a volumetric flow rate of 2.32 cubic metres per second, via a stack having an exit diameter of 0.51 metres, extending 4.1 metres above grade;

### **Floating Operations Thermal Oxidizer**

- one (1) propane or natural gas fired thermal oxidizer to control emissions during TK4028 and TK4029 roof floating operations, having a maximum heat input of 3.17 gigajoules per hour (3,000,000 british thermal units per hour), exhausting into the atmosphere at a volumetric flow rate of 0.92 cubic metres per second, via a stack having an exit diameter of 0.51 metres, extending 4.1 metres above grade;

The following equipment has been removed from Schedule "B" Equipment with Specific Operational Limits:

### **TK-4030 Thermal Oxidizer**

- one (1) propane or natural gas fired thermal oxidizer to control emissions during the commissioning of TK-4030 for benzene service, having a maximum heat input of 3.17 gigajoules per hour (3,000,000 british thermal units per hour), exhausting into the atmosphere at a volumetric flow rate of 0.77 cubic metres per second, via a stack having an exit diameter of 0.51 metres, extending 4.1 metres above grade;

## **SPEP Flare Thermal Oxidizer**

- one (1) propane or natural gas fired thermal oxidizer to control emissions from the Sarnia Polyethylene Plant (SPEP) during the installation of a continuous emission monitoring system (CEMS) on the SPEP Flare, having a maximum heat input of 7.39 gigajoules per hour (7,000,000 british thermal units per hour), exhausting into the atmosphere at a volumetric flow rate of 0.86 cubic metres per second, via a stack having an exit diameter of 0.51 metres, extending 4.1 metres above grade;

all other equipment listed in Schedule "B" remain unchanged.

All in accordance with the Environmental Compliance Approval application dated March 11, 2025 and signed by Lisa Desantis, Environmental & Process Safety Leader, the memo titled "Emissions Screening Assessment of Temporary Thermal Oxidizers for TK4028 and TK4029" dated March 11, 2025, prepared by Alliance Technical Group North, Inc., and the document titled "Community Noise Impact Assessment - Temporary Thermal Oxidizer - TK-4029 and TK-4028 Degassing, and IFR Refloat Thermal Oxidizers" dated March 7, 2025, prepared by Mervyn Choy/Hatch Ltd.

**This Notice shall constitute part of the approval issued under Approval No. 6254-9LVQ3V dated October 15, 2015**

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 receipt of this Notice, require a hearing by the Tribunal. Section 142 of the *Environmental Protection Act* provides that the Notice requiring the hearing shall state:

- 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 available 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 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](http://www.olt.gov.on.ca)**

The above noted activity is approved under s.20.3 of Part II.1 of the *Environmental Protection Act*.

DATED AT TORONTO this 25th day of March,  
2025



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

MS/  
c: District Manager, MECP Sarnia  
Karissa Khan, Imperial Oil Limited