



O. Reg. 88/22: Air Pollution – Discharge of Sulphur Dioxide from Petroleum Facilities

Liquid Fuel Use – October 1 to October 3, 2022

Nanticoke Refinery, Imperial Oil

November 28, 2022

Introduction

Pursuant to subsection 41(1) paragraph 4 of O. Reg 88/22, Imperial Oil is making available to the public information relating to liquid fuel use at the Nanticoke Refinery (see Table 1).

Table 1: Information Relating to Liquid Fuel Use at the Nanticoke Refinery

O. Reg 88/22 Requirement	Imperial Oil Information
Date(s) on which the liquid fuel was used in the combustion device(s)	October 1 to October 3, 2022
Explanation of the emergency that resulted in the liquid fuel use	The Nanticoke Refinery Fluid Catalytic Cracker (FCC) had an unplanned shutdown resulting in a fuel gas shortage at the Refinery and a need to use liquid fuel to allow for continued safe refinery operations.
Measures that are available to prevent or reduce the risk of liquid fuel being used in the combustion device in similar circumstances in the future	During unplanned fuel gas shortages at the Nanticoke Refinery, liquid fuel gas burning is required to continue to maintain safe operations. Imperial will continue to complete root cause analysis for unplanned events, such as this one, to apply learnings where applicable, to prevent or reduce reoccurrence and the need to use liquid fuel.