



2019 Annual Summary Tables

**Technical Standards to Manage Air Pollution: Petroleum Refining -
Industry Standard, O. Reg. 419/05**

Part X – Complaints, Records and Reporting

Nanticoke Refinery, Imperial

March 31, 2020

Introduction

The annual summary tables included in this report were developed in accordance with the requirements of Section X, subsection 65(2)1. & 65(2)8. of the Technical Standards to Manage Air Pollution: Petroleum Refining - Industry Standard, O.Reg 419/05.

Section 65(2) Paragraph 1 – Implementation Summary Table

Implementation Summary Table:

Part	Title	Section	Sub Part	Date Required	Date Complete
PART II – PERFORMANCE	Flare	5		01-Jan-2020	01-Jan-2020
PART II – PERFORMANCE	Air pollution control device – Benzene heartcut loading rack vapours	6		01-Jul-2019	01-Jul-2019
PART II – PERFORMANCE	Air pollution control device – Gasoline loading rack vapours	6		01-Jul-2020	
PART III – STORAGE VESSELS	Storage vessels – identification	9	1 & 2	28-Jul-2017	28-Jul-2017
PART III – STORAGE VESSELS	Storage vessels – identification	9	3 & 4	28-Jul-2017	28-Jul-2017
PART III – STORAGE VESSELS	Storage vessels – identification	9	5(1-2)	01-Jan-2018	28-Jul-2017
PART III – STORAGE VESSELS	Storage vessels – identification	9	5(3)	01-Jan-2025	
PART III – STORAGE VESSELS	Storage vessels – identification	9	7	01-Jan-2023	
PART III – STORAGE VESSELS	Storage vessels -application	10	1	01-Jan-2018	28-Jul-2017
PART III – STORAGE VESSELS	Floating roof -requirement to float	11	1	28-Jul-2017	28-Jul-2017
PART III – STORAGE VESSELS	Floating roof -requirement to float	11	3	28-Jul-2017	28-Jul-2017
PART III – STORAGE VESSELS	Storage vessels -OGI inspection	17	1	01-Jan-2018	01-Jan-2018
PART III – STORAGE VESSELS	Storage vessels in benzene service – general record	21	1	28-Jul-2017	28-Jul-2017
PART III – STORAGE VESSELS	Storage vessel inspection record	22	1	28-Jul-2017	28-Jul-2017
PART IV – AIR EMISSIONS FROM INDUSTRIAL SEWAGE	Primary oil-water separators – requirement selection	24	1.1	01-Mar-2018	01-Mar-2018
PART IV – AIR EMISSIONS FROM INDUSTRIAL SEWAGE	Primary oil-water separators – monitoring and control requirements	25	(1)	01-Jul-2018	01-Jul-2018
PART IV – AIR EMISSIONS FROM INDUSTRIAL SEWAGE	Primary oil-water separators – monitoring and control requirements	25	(2)	01-Jul-2018	29-Jun-2018
PART IV – AIR EMISSIONS FROM INDUSTRIAL SEWAGE	Primary oil-water separator record – general	30		01-Jul-2018	01-Jul-2018
PART IV – AIR EMISSIONS FROM INDUSTRIAL SEWAGE	Drains and maintenance access points – measurement and control requirements	33		01-Jul-2019	25-Jun-2019

Part	Title	Section	Sub Part	Date Required	Date Complete
PART IV – AIR EMISSIONS FROM INDUSTRIAL SEWAGE	Drain and maintenance access point record	34		01-Jul-2019	25-Jun-2019
PART V – PRODUCT LOADING	Benzene-containing product loading operations – application	35	1	31-Mar-2018	31-Mar-2018
PART V – PRODUCT LOADING	Benzene-containing product loading operations – application	35	2	01-Jul-2019 for Benzene heartcut loading rack; 01-Jul-2020 for Gasoline loading rack	01-Jul-2019 for benzene heartcut loading rack
PART V – PRODUCT LOADING	Cargo tank loading operations – general operating requirements	36		28-Jul-2017 for Gasoline loading rack; Benzene heartcut loading rack n/a (closed system)	28-Jul-2017
PART V – PRODUCT LOADING	Vapour-tight cargo tanks	37		01-Jan-2018	01-Jan-2018
PART VI – LEAK DETECTION AND REPAIR	Component identification	38	1-5	01-Jan-2018	01-Jan-2018
PART VI – LEAK DETECTION AND REPAIR	Component leak survey – general	39	1	01-Jan-2018	01-Jan-2018
PART VI – LEAK DETECTION AND REPAIR	Component leak survey – general	39	2-5	30-Jun-2018 30-Sep-2018 31-Dec-2018	30-Jun-2018 30-Sep-2018 31-Dec-2018
PART VI – LEAK DETECTION AND REPAIR	Component leak survey – general	39	6	01-Mar-2018	26-Feb-2018
PART VI – LEAK DETECTION AND REPAIR	Component leak survey – assessment and measurement of leaks	40	5	01-Jan-2023	
PART VI – LEAK DETECTION AND REPAIR	Component leak survey plan	41	(1)	01-Mar-2018	01-Mar-2018
PART VI – LEAK DETECTION AND REPAIR	Component leak survey plan	41	(3)	01-Mar-2018	19-Feb-2018
PART VI – LEAK DETECTION AND REPAIR	Additional leak measurements – pumps, compressors and pressure relief devices	42		01-Jan-2023	
PART VI – LEAK DETECTION AND REPAIR	Leaks -deviations and repair	43	(1)	01-Jan-2018	01-Jan-2018
PART VI – LEAK DETECTION AND REPAIR	Leaks -deviations and repair	43	(2)1.	01-Jan-2020	01-Jan-2020
PART VI – LEAK DETECTION AND REPAIR	Leaks -deviations and repair	43	(2)2.	01-Jan-2023	
PART VI – LEAK DETECTION AND REPAIR	Delay of repair list	44	1-3	01-Jan-2020	01-Jan-2020
PART VI – LEAK DETECTION AND REPAIR	Delay of repair list	44	4	01-Jul-2018 31-Dec-2018	28-Jun-2018 17-Dec-2018
PART VI – LEAK DETECTION AND REPAIR	Delay of repair list	44	9	01-Jan-2020	01-Jan-2020
PART VI – LEAK DETECTION AND REPAIR	Leaking components -annual calculations	47		31-Mar-2019	31-Mar-2019
PART VI – LEAK DETECTION AND REPAIR	Records -component leak survey	48	(1) 1-5	30-Jun-2018 30-Sep-2018 31-Dec-2018	30-Jun-2018 30-Sep-2018 31-Dec-2018

Part	Title	Section	Sub Part	Date Required	Date Complete
PART VI – LEAK DETECTION AND REPAIR	Records -component leak survey	48	(1) 6-13	29-Aug-2018 21-Nov-2018 27-Feb-2019	29-Aug-2018 21-Nov-2018 27-Feb-2019
PART VI – LEAK DETECTION AND REPAIR	Records -component leak survey	48	(2) 1-5	30-Jun-2018 30-Sep-2018 31-Dec-2018	30-Jun-2018 30-Sep-2018 31-Dec-2018
PART VI – LEAK DETECTION AND REPAIR	Records -component leak survey	48	(2) 6	30-Jun-2018 30-Sep-2018 31-Dec-2018	30-Jun-2018 30-Sep-2018 31-Dec-2018
PART VI – LEAK DETECTION AND REPAIR	Records – additional leak measurements	49	1-7	01-Jan-2023	
PART VI – LEAK DETECTION AND REPAIR	Records – additional leak measurements	49	8-13	01-Jan-2023	
PART VII – OPERATION	Technology requirements – open-ended valves	50		01-Jan-2018	01-Jan-2018
PART VII – OPERATION	Technology requirements – surge control vessels and bottoms receivers	51		01-Jan-2020	01-Jan-2020
PART VII – OPERATION	Operating parameter summary table	52		01-Jan-2018	01-Jan-2018
PART VIII – REQUIREMENT TO CONTINUE THE USE OF METHODS TO MANAGE EMISSIONS	Identifying managed sources	55		01-Jan-2018	01-Jan-2018
PART IX – AMBIENT MONITORING	Ambient monitoring -benzene	60		01-Jan-2018	01-Jan-2018
PART IX – AMBIENT MONITORING	Benzene measurements baseline	61		31-Mar-2021	
PART IX – AMBIENT MONITORING	Statistical analysis of benzene measurements	62		31-Mar-2022	
PART X – COMPLAINTS, RECORDS AND REPORTING	Complaints procedure	64	(1)1-3	01-Jan-2018	01-Jan-2018
PART X – COMPLAINTS, RECORDS AND REPORTING	Annual summary reports	65		31-Mar-2019	31-Mar-2019
PART X – COMPLAINTS, RECORDS AND REPORTING	Public reporting – ambient monitoring	66	(1)	01-Jan-2018	01-Jan-2018
PART X – COMPLAINTS, RECORDS AND REPORTING	Public reporting – ambient monitoring	66	(2)	12-Mar-2018	09-Mar-2018

Section 65(2) Paragraph 8 – Performance Summary Table

Requirement	Summary
2019 subsections 8 (1) notifications	None
2019 subsections 11 (1) contraventions	None
2019 subsections 26 (1) contraventions	None
2019 subsection 52 (5) orders	None
2019 subsection 58 orders	None