

Stack - 2026 (Yearly)

Parkland Refining (B.C.) Ltd.
Permit: 1217 / Due Date: January 31, 2026

01R - Crude unit furnaces					
Nitrogen oxides					
Test Dates:	Jan 15, 2025	Jan 15, 2025	Jan 15, 2025		
Test Results:	68.0000 mg/m3	67.0000 mg/m3	66.0000 mg/m3		
Average of Test Results:	67 mg/m3				
Contaminant Permit Limit:	75.0000 mg/m3				
Test Result Comments:					
Flow Results:	393.000 m3/min	391.000 m3/min	393.000 m3/min		
Average of Flow Results:	392.333 m3/min				
Permitted Flow Limit:	770.00 m3/min				
Flow Result Comments:					
06R - Rheniformer reactors furnaces					
Nitrogen oxides					
Test Dates:	May 15, 2025	May 15, 2025	May 15, 2025		
Test Results:	47.0000 mg/m3	47.0000 mg/m3	45.0000 mg/m3		
Average of Test Results:	46.333 mg/m3				
Contaminant Permit Limit:	65.0000 mg/m3				
Test Result Comments:					
Flow Results:	744.000 m3/min	745.000 m3/min	759.000 m3/min		
Average of Flow Results:	749.333 m3/min				
Permitted Flow Limit:	800.00 m3/min				
Flow Result Comments:					
07R - Steam Boiler					
Nitrogen oxides					
Test Dates:	Jan 22, 2026	Jan 22, 2026	Jan 22, 2026		
Test Results:	44.0000 mg/m3	43.0000 mg/m3	45.0000 mg/m3		
Average of Test Results:	44 mg/m3				
Contaminant Permit Limit:	65.0000 mg/m3				
Test Result Comments:					
Flow Results:	255.000 m3/min	255.000 m3/min	253.000 m3/min		
Average of Flow Results:	254.333 m3/min				
Permitted Flow Limit:	560.00 m3/min				
Flow Result Comments:					

11R - Steam plant boilers					
Nitrogen oxides					
Test Dates:	Jul 10, 2025	Jul 10, 2025	Jul 10, 2025		
Test Results:	63.0000 mg/m3	62.0000 mg/m3	62.0000 mg/m3		
Average of Test Results:	62.333 mg/m3				
Contaminant Permit Limit:	65.0000 mg/m3				
Test Result Comments:					
Flow Results:	511.000 m3/min	512.000 m3/min	508.000 m3/min		
Average of Flow Results:	510.333 m3/min				
Permitted Flow Limit:	650.00 m3/min				
Flow Result Comments:					
20R - Diesel hydrotreater (DHT) charge furnace					
Nitrogen oxides					
Test Dates:	Jan 22, 2025	Jan 22, 2025	Jan 22, 2025		
Test Results:	55.0000 mg/m3	59.0000 mg/m3	57.0000 mg/m3		
Average of Test Results:	57 mg/m3				
Contaminant Permit Limit:	65.0000 mg/m3				
Test Result Comments:					
Flow Results:	53.000 m3/min	52.000 m3/min	67.000 m3/min		
Average of Flow Results:	57.333 m3/min				
Permitted Flow Limit:	140.00 m3/min				
Flow Result Comments:					
21R - Diesel hydrotreater (DHT) fractionator furnace					
Nitrogen oxides					
Test Dates:	Jan 23, 2025	Jan 23, 2025	Jan 23, 2025		
Test Results:	51.0000 mg/m3	50.0000 mg/m3	50.0000 mg/m3		
Average of Test Results:	50.333 mg/m3				
Contaminant Permit Limit:	65.0000 mg/m3				
Test Result Comments:					
Flow Results:	144.000 m3/min	137.000 m3/min	138.000 m3/min		
Average of Flow Results:	139.667 m3/min				
Permitted Flow Limit:	165.00 m3/min				
Flow Result Comments:					

22R - Sulphur recovery unit (SRU) incinerator					
Nitrogen oxides					
Test Dates:	Jun 18, 2025	Jun 19, 2025	Jun 19, 2025		
Test Results:	163.0000 mg/m3	197.0000 mg/m3	187.0000 mg/m3		
Average of Test Results:	182.333 mg/m3				
Contaminant Permit Limit:	300.0000 mg/m3				
Test Result Comments:					
Flow Results:	80.000 m3/min	80.000 m3/min	81.000 m3/min		
Average of Flow Results:	80.333 m3/min				
Permitted Flow Limit:	96.00 m3/min				
Flow Result Comments:					
23R - Crude splitter furnace					
Nitrogen oxides					
Test Dates:	Jan 14, 2025	Jan 14, 2025	Jan 14, 2025		
Test Results:	49.0000 mg/m3	50.0000 mg/m3	49.0000 mg/m3		
Average of Test Results:	49.333 mg/m3				
Contaminant Permit Limit:	65.0000 mg/m3				
Test Result Comments:					
Flow Results:	724.000 m3/min	716.000 m3/min	723.000 m3/min		
Average of Flow Results:	721 m3/min				
Permitted Flow Limit:	1050.00 m3/min				
Flow Result Comments:					
24R - Naphtha hydrotreater (NHT) feed furnace					
Nitrogen oxides					
Test Dates:	Apr 02, 2025	Apr 02, 2025	Apr 02, 2025		
Test Results:	47.0000 mg/m3	46.0000 mg/m3	47.0000 mg/m3		
Average of Test Results:	46.667 mg/m3				
Contaminant Permit Limit:	65.0000 mg/m3				
Test Result Comments:					
Flow Results:	150.000 m3/min	147.000 m3/min	151.000 m3/min		
Average of Flow Results:	149.333 m3/min				
Permitted Flow Limit:	180.00 m3/min				
Flow Result Comments:					

25R - Desulphurizer reboiler					
Nitrogen oxides					
Test Dates:	Apr 03, 2025	Apr 03, 2025	Apr 03, 2025		
Test Results:	47.0000 mg/m3	46.0000 mg/m3	45.0000 mg/m3		
Average of Test Results:	46 mg/m3				
Contaminant Permit Limit:	65.0000 mg/m3				
Test Result Comments:					
Flow Results:	95.000 m3/min	95.000 m3/min	94.000 m3/min		
Average of Flow Results:	94.667 m3/min				
Permitted Flow Limit:	180.00 m3/min				
Flow Result Comments:					
29R - Gasoline hydrotreater (GHT) furnace					
Nitrogen oxides					
Test Dates:	May 14, 2025	May 14, 2025	May 14, 2025		
Test Results:	37.0000 mg/m3	37.0000 mg/m3	37.0000 mg/m3		
Average of Test Results:	37 mg/m3				
Contaminant Permit Limit:	65.0000 mg/m3				
Test Result Comments:					
Flow Results:	161.000 m3/min	160.000 m3/min	165.000 m3/min		
Average of Flow Results:	162 m3/min				
Permitted Flow Limit:	500.00 m3/min				
Flow Result Comments:					
30R - Steam plant boiler					
Nitrogen oxides					
Test Dates:	Aug 07, 2025	Aug 07, 2025	Aug 07, 2025		
Test Results:	54.0000 mg/m3	56.0000 mg/m3	54.0000 mg/m3		
Average of Test Results:	54.667 mg/m3				
Contaminant Permit Limit:	65.0000 mg/m3				
Test Result Comments:					
Flow Results:	387.000 m3/min	380.000 m3/min	382.000 m3/min		
Average of Flow Results:	383 m3/min				
Permitted Flow Limit:	650.00 m3/min				
Flow Result Comments:					