

Stack - 2024 (Yearly)

Metalex Products Ltd.

Permit: 0142 / Due Date: October 31, 2024

01 - Three refining kettles, rotary furnace combustion chamber and a lead reactor					
Lead					
Test Dates:	Aug 28, 2024	Aug 28, 2024	Aug 28, 2024		
Test Results:	0.0300 mg/m3	0.0300 mg/m3	0.0100 mg/m3		
Average of Test Results:	0.023 mg/m3				
Contaminant Permit Limit:	1.5000 mg/m3				
Test Result Comments:					
Flow Results:	88.400 m3/min	83.800 m3/min	82.100 m3/min		
Average of Flow Results:	84.767 m3/min				
Permitted Flow Limit:	300.00 m3/min				
Flow Result Comments:					
Particulate Matter					
Test Dates:	Aug 28, 2024	Aug 28, 2024	Aug 28, 2024		
Test Results:	0.2100 mg/m3	0.9400 mg/m3	6.9800 mg/m3		
Average of Test Results:	2.71 mg/m3				
Contaminant Permit Limit:	20.0000 mg/m3				
Test Result Comments:					
Flow Results:	88.400 m3/min	83.800 m3/min	82.100 m3/min		
Average of Flow Results:	84.767 m3/min				
Permitted Flow Limit:	300.00 m3/min				
Flow Result Comments:					
Sulphur oxides					
Test Dates:	Aug 28, 2024	Aug 28, 2024	Aug 28, 2024		
Test Results:	7.7800 mg/m3	8.4000 mg/m3	8.6400 mg/m3		
Average of Test Results:	8.273 mg/m3				
Contaminant Permit Limit:	250.0000 mg/m3				
Test Result Comments:					
Flow Results:	88.400 m3/min	83.800 m3/min	82.100 m3/min		
Average of Flow Results:	84.767 m3/min				
Permitted Flow Limit:	300.00 m3/min				
Flow Result Comments:					

03 - Rotary furnace charging and tapping area					
Lead					
Test Dates:	Sep 13, 2024	Sep 13, 2024	Sep 13, 2024		
Test Results:	0.2000 mg/m3	0.1900 mg/m3	0.1900 mg/m3		
Average of Test Results:	0.193 mg/m3				
Contaminant Permit Limit:	1.5000 mg/m3				
Test Result Comments:					
Flow Results:	194.000 m3/min	196.000 m3/min	172.000 m3/min		
Average of Flow Results:	187.333 m3/min				
Permitted Flow Limit:	250.00 m3/min				
Flow Result Comments:					
Particulate Matter					
Test Dates:	Sep 13, 2024	Sep 13, 2024	Sep 13, 2024		
Test Results:	0.0700 mg/m3	0.4700 mg/m3	0.0400 mg/m3		
Average of Test Results:	0.193 mg/m3				
Contaminant Permit Limit:	20.0000 mg/m3				
Test Result Comments:					
Flow Results:	194.000 m3/min	196.000 m3/min	172.000 m3/min		
Average of Flow Results:	187.333 m3/min				
Permitted Flow Limit:	250.00 m3/min				
Flow Result Comments:					
Sulphur oxides					
Test Dates:	Sep 13, 2024	Sep 13, 2024	Sep 13, 2024		
Test Results:	22.0000 mg/m3	21.8000 mg/m3	26.0000 mg/m3		
Average of Test Results:	23.267 mg/m3				
Contaminant Permit Limit:	150.0000 mg/m3				
Test Result Comments:					
Flow Results:	194.000 m3/min	196.000 m3/min	172.000 m3/min		
Average of Flow Results:	187.333 m3/min				
Permitted Flow Limit:	250.00 m3/min				
Flow Result Comments:					