

Stack - 2025 (Yearly)

Chemtrade Electrochem Inc.
Permit: 0010 / Due Date: October 31, 2025

09 - Le Carbone Lorraine hydrochloric acid plant (center plant)					
Chlorine					
Test Dates:	Aug 26, 2025	Aug 26, 2025	Aug 26, 2025		
Test Results:	0.3000 mg/m3	0.1700 mg/m3	0.1600 mg/m3		
Average of Test Results:	0.21 mg/m3				
Contaminant Permit Limit:	15.0000 mg/m3				
Test Result Comments:					
Flow Results:	2.180 m3/min	2.170 m3/min	2.170 m3/min		
Average of Flow Results:	2.173 m3/min				
Permitted Flow Limit:	5.00 m3/min				
Flow Result Comments:					
Hydrogen chloride					
Test Dates:	Aug 26, 2025	Aug 26, 2025	Aug 26, 2025		
Test Results:	0.1000 mg/m3	0.1700 mg/m3	0.1700 mg/m3		
Average of Test Results:	0.147 mg/m3				
Contaminant Permit Limit:	20.0000 mg/m3				
Test Result Comments:					
Flow Results:	2.180 m3/min	2.170 m3/min	2.170 m3/min		
Average of Flow Results:	2.173 m3/min				
Permitted Flow Limit:	5.00 m3/min				
Flow Result Comments:					
10 - Le Carbone Lorraine hydrochloric acid plant (east plant)					
Chlorine					
Test Dates:	Aug 26, 2025	Aug 26, 2025	Aug 26, 2025		
Test Results:	0.1200 mg/m3	0.1700 mg/m3	0.1700 mg/m3		
Average of Test Results:	0.153 mg/m3				
Contaminant Permit Limit:	15.0000 mg/m3				
Test Result Comments:					
Flow Results:	2.100 m3/min	2.170 m3/min	2.170 m3/min		
Average of Flow Results:	2.147 m3/min				
Permitted Flow Limit:	5.00 m3/min				
Flow Result Comments:					

Hydrogen chloride					
Test Dates:	Aug 26, 2025	Aug 26, 2025	Aug 26, 2025		
Test Results:	0.1500 mg/m3	0.2200 mg/m3	0.1700 mg/m3		
Average of Test Results:	0.18 mg/m3				
Contaminant Permit Limit:	20.0000 mg/m3				
Test Result Comments:					
Flow Results:	2.100 m3/min	2.170 m3/min	2.170 m3/min		
Average of Flow Results:	2.147 m3/min				
Permitted Flow Limit:	5.00 m3/min				
Flow Result Comments:					
12 - #1 Acid Plant - Mersen Hydrochloric Acid Plant					
Chlorine					
Test Dates:	Aug 27, 2025	Aug 27, 2025	Aug 27, 2025		
Test Results:	0.1700 mg/m3	0.1700 mg/m3	0.1700 mg/m3		
Average of Test Results:	0.17 mg/m3				
Contaminant Permit Limit:	15.0000 mg/m3				
Test Result Comments:					
Flow Results:	7.910 m3/min	8.040 m3/min	8.370 m3/min		
Average of Flow Results:	8.107 m3/min				
Permitted Flow Limit:	15.00 m3/min				
Flow Result Comments:					
Hydrogen chloride					
Test Dates:	Aug 27, 2025	Aug 27, 2025	Aug 27, 2025	Aug 27, 2025	
Test Results:	0.2200 mg/m3	0.1800 mg/m3	0.1300 mg/m3		
Average of Test Results:	0.177 mg/m3				
Contaminant Permit Limit:	20.0000 mg/m3				
Test Result Comments:					
Flow Results:	7.910 m3/min	8.040 m3/min	8.370 m3/min		
Average of Flow Results:	8.107 m3/min				
Permitted Flow Limit:	15.00 m3/min				
Flow Result Comments:					

15 - #2 Acid Plant - Mersen hydrochloric acid plant Model# U5800-22					
Chlorine					
Test Dates:	Aug 27, 2025	Aug 27, 2025	Aug 27, 2025		
Test Results:	0.2000 mg/m3	0.1700 mg/m3	0.2100 mg/m3		
Average of Test Results:	0.193 mg/m3				
Contaminant Permit Limit:	15.0000 mg/m3				
Test Result Comments:					
Flow Results:	6.980 m3/min	6.980 m3/min	6.980 m3/min		
Average of Flow Results:	6.98 m3/min				
Permitted Flow Limit:	15.00 m3/min				
Flow Result Comments:					
Hydrogen chloride					
Test Dates:	Aug 27, 2025	Aug 27, 2025	Aug 27, 2025		
Test Results:	0.2100 mg/m3	0.1700 mg/m3	0.2100 mg/m3		
Average of Test Results:	0.197 mg/m3				
Contaminant Permit Limit:	20.0000 mg/m3				
Test Result Comments:					
Flow Results:	6.980 m3/min	6.980 m3/min	6.980 m3/min		
Average of Flow Results:	6.98 m3/min				
Permitted Flow Limit:	15.00 m3/min				
Flow Result Comments:					
16 - #3 Acid Plant - Mersen hydrochloric acid plant Model#U5800-22					
Chlorine					
Test Dates:	Aug 28, 2025	Aug 28, 2025	Aug 28, 2025		
Test Results:	0.1600 mg/m3	0.1700 mg/m3	0.1600 mg/m3		
Average of Test Results:	0.163 mg/m3				
Contaminant Permit Limit:	15.0000 mg/m3				
Test Result Comments:					
Flow Results:	8.500 m3/min	8.500 m3/min	8.490 m3/min		
Average of Flow Results:	8.497 m3/min				
Permitted Flow Limit:	15.00 m3/min				
Flow Result Comments:					

Hydrogen chloride					
Test Dates:	Aug 28, 2025	Aug 28, 2025	Aug 28, 2025		
Test Results:	0.2000 mg/m3	0.1800 mg/m3	0.2100 mg/m3		
Average of Test Results:	0.197 mg/m3				
Contaminant Permit Limit:	20.0000 mg/m3				
Test Result Comments:					
Flow Results:	8.500 m3/min	8.500 m3/min	8.490 m3/min		
Average of Flow Results:	8.497 m3/min				
Permitted Flow Limit:	15.00 m3/min				
Flow Result Comments:					