

Annex D5

Thermal Oxidizer, Landfill
Gas Flare and Landfill Gas
Generator Stack Emission
Monitoring Results

Table D5.1 Thermal Oxidiser Stack Emission Monitoring Results

Parameters	Monitoring Results (October 2022)
NO ₂	0.39 gs ⁻¹
CO	<0.01 gs ⁻¹
SO ₂	0.04 gs ⁻¹
Benzene	<2 x 10 ⁻⁴ gs ⁻¹
Vinyl chloride	<1.3 x 10 ⁻⁴ gs ⁻¹
Exhaust gas velocity	11.9 ms ⁻¹
Parameters	Monitoring Results (November 2022)
NO ₂	0.28 gs ⁻¹
CO	<0.01 gs ⁻¹
SO ₂	0.07 gs ⁻¹
Benzene	<1.0 x 10 ⁻⁴ gs ⁻¹
Vinyl chloride	<1.0 x 10 ⁻⁴ gs ⁻¹
Non-Methane Organic Carbons	<0.002 gs ⁻¹
Ammonia	0.0423 gs ⁻¹
Exhaust gas velocity	6.8 ms ⁻¹
Parameters	Monitoring Results (December 2022)
NO ₂	1.06 gs ⁻¹
CO	<0.01 gs ⁻¹
SO ₂	0.03 gs ⁻¹
Benzene	<1.0 x 10 ⁻⁴ gs ⁻¹
Vinyl chloride	<1.0 x 10 ⁻⁴ gs ⁻¹
Exhaust gas velocity	7.9 ms ⁻¹

Table D5.2 Thermal Oxidiser Stack Continuous Monitoring Results

Date	Gas Combustion Temperature (°C)	Exhaust temperature (K)	Exhaust gas velocity (ms⁻¹) (a)
1 Oct 22	920	1240	
2 Oct 22	924	1246	
3 Oct 22	921	1238	
4 Oct 22	928	1444	
5 Oct 22	921	1593	
6 Oct 22	928	1486	
7 Oct 22	934	1334	
8 Oct 22	930	1280	
9 Oct 22	926	1272	
10 Oct 22	926	1243	
11 Oct 22	930	1264	
12 Oct 22	928	1206	11.9
13 Oct 22	922	1205	
14 Oct 22	935	1205	
15 Oct 22	931	1206	
16 Oct 22	927	1204	
17 Oct 22	931	1206	
18 Oct 22	928	1208	
19 Oct 22	901	1189	
20 Oct 22	934	1210	
21 Oct 22	934	1215	
22 Oct 22	927	1207	
23 Oct 22	917	1184	

Date	Gas Combustion Temperature (°C)	Exhaust temperature (K)	Exhaust gas velocity (ms ⁻¹) (a)
24 Oct 22	927	1212	
25 Oct 22	912	1193	
26 Oct 22	920	1207	
27 Oct 22	931	1206	
28 Oct 22	937	1210	
29 Oct 22	933	1209	
30 Oct 22	933	1204	
31 Oct 22	912	1147	
1 Nov 22	906	1125	
2 Nov 22	977	1270	
3 Nov 22	928	1200	
4 Nov 22	967	1266	
5 Nov 22	967	1254	
6 Nov 22	952	1236	
7 Nov 22	967	1250	
8 Nov 22	955	1240	
9 Nov 22	962	1247	
10 Nov 22	964	1251	
11 Nov 22	943	1232	
12 Nov 22	954	1241	
13 Nov 22	960	1246	
14 Nov 22	950	1236	
15 Nov 22	952	1239	
16 Nov 22	953	1240	6.8
17 Nov 22	957	1238	
18 Nov 22	933	1208	
19 Nov 22	945	1223	
20 Nov 22	964	1247	
21 Nov 22	938	1202	
22 Nov 22	939	1216	
23 Nov 22	923	1203	
24 Nov 22	925	1190	
25 Nov 22	930	1195	
26 Nov 22	910	1174	
27 Nov 22	953	1243	
28 Nov 22	950	1222	
29 Nov 22	935	1204	
30 Nov 22	928	1184	
1 Dec 22	922	1177	
2 Dec 22	915	1145	
3 Dec 22	916	1168	
4 Dec 22	933	1188	
5 Dec 22	918	1163	
6 Dec 22	927	1172	
7 Dec 22	922	1176	
8 Dec 22	926	1180	
9 Dec 22	920	1179	
10 Dec 22	924	1211	
11 Dec 22	922	1187	
12 Dec 22	925	1176	7.9
13 Dec 22	926	1177	
14 Dec 22	925	1167	
15 Dec 22	919	1178	
16 Dec 22	934	1219	
17 Dec 22	922	1161	
18 Dec 22	927	1174	
19 Dec 22	926	1194	
20 Dec 22	924	1197	

Date	Gas Combustion Temperature (°C)	Exhaust temperature (K)	Exhaust gas velocity (ms ⁻¹) (a)
21 Dec 22	923	1198	
22 Dec 22	921	1204	
23 Dec 22	927	1218	
24 Dec 22	924	1216	
25 Dec 22	927	1222	
26 Dec 22	926	1283	
27 Dec 22	909	1225	
28 Dec 22	919	1231	
29 Dec 22	923	1233	
30 Dec 22	921	1228	
31 Dec 22	928	1236	
Average	932	1223	8.9
Min	901	1125	6.8
Max	977	1593	11.9

Notes:

(a) The exhaust gas velocity was calculated based on the cross-section area of the stack and the gas flow and combustion temperature data measured during the stack emission monitoring.

Table D5.3 Landfill Gas Flare Stack Emission Monitoring Results

Parameters	Monitoring Results (October 2022)
	Flare 1 - F601
NO ₂	0.013 gs ⁻¹
CO	<0.01 gs ⁻¹
SO ₂	0.26 gs ⁻¹
Benzene	<1.22 x 10 ⁻⁴ gs ⁻¹
Vinyl chloride	<9.8 x 10 ⁻⁵ gs ⁻¹
Exhaust gas velocity	6.5 ms ⁻¹
Parameters	Monitoring Results (November 2022)
	Flare 1 - F601
NO ₂	<0.02 gs ⁻¹
CO	<0.01 gs ⁻¹
SO ₂	1.27 gs ⁻¹
Benzene	<1.22 x 10 ⁻⁴ gs ⁻¹
Vinyl chloride	<9.8 x 10 ⁻⁵ gs ⁻¹
Non-Methane Organic Carbons	<0.002 gs ⁻¹
Exhaust gas velocity	8.9 ms ⁻¹
Parameters	Monitoring Results (December 2022)
	Flare 1 - F601
NO ₂	0.03 gs ⁻¹
CO	0.783 gs ⁻¹
SO ₂	0.16 gs ⁻¹
Benzene	6.61 x 10 ⁻⁴ gs ⁻¹
Vinyl chloride	<1.35 x 10 ⁻⁴ gs ⁻¹
Exhaust gas velocity	12.8 ms ⁻¹

Table D5.4 Landfill Gas Flare Stack Continuous Monitoring Results

Date	Gas Combustion Temperature (°C)	Exhaust temperature (K)	Exhaust gas velocity (ms ⁻¹) (a)	Operation Status
Flare 1 – F601				
1 Oct 22	924	1074		In Operation
2 Oct 22	910	988		In Operation
3 Oct 22	954	1183		In Operation
4 Oct 22	-	-		Under Maintenance
5 Oct 22	945	1006		In Operation
6 Oct 22	820	1023		In Operation
7 Oct 22	990	1013		In Operation
8 Oct 22	880	1073		In Operation
9 Oct 22	990	1163		In Operation
10 Oct 22	880	1083		In Operation
11 Oct 22	990	1083		In Operation
12 Oct 22	970	1093		In Operation
13 Oct 22	830	993		In Operation
14 Oct 22	830	1073		In Operation
15 Oct 22	900	1033		In Operation
16 Oct 22	890	1003	6.5	In Operation
17 Oct 22	980	1083		In Operation
18 Oct 22	900	1063		In Operation
19 Oct 22	900	1153		In Operation
20 Oct 22	935	1073		In Operation
21 Oct 22	950	1113		In Operation
22 Oct 22	925	1073		In Operation
23 Oct 22	890	1063		In Operation
24 Oct 22	820	1023		In Operation
25 Oct 22	960	1103		In Operation
26 Oct 22	880	1023		In Operation
27 Oct 22	960	1073		In Operation
28 Oct 22	890	1033		In Operation
29 Oct 22	850	1013		In Operation
30 Oct 22	870	1023		In Operation
31 Oct 22	820	1003		In Operation
1 Nov 22	890	1050		In Operation
2 Nov 22	865	1068		In Operation
3 Nov 22	871	1030		In Operation
4 Nov 22	859	1063		In Operation
5 Nov 22	870	1079		In Operation
6 Nov 22	860	1063		In Operation
7 Nov 22	845	1073		In Operation
8 Nov 22	850	1073		In Operation
9 Nov 22	835	1053		In Operation
10 Nov 22	830	1063		In Operation
11 Nov 22	860	1033		In Operation
12 Nov 22	860	1063	8.9	In Operation
13 Nov 22	830	1063		In Operation
14 Nov 22	830	1053		In Operation
15 Nov 22	860	1043		In Operation
16 Nov 22	860	1073		In Operation
17 Nov 22	850	1073		In Operation
18 Nov 22	870	1063		In Operation
19 Nov 22	840	1033		In Operation
20 Nov 22	850	1093		In Operation
21 Nov 22	850	1053		In Operation
22 Nov 22	850	1073		In Operation

Date	Gas Combustion Temperature (°C)	Exhaust temperature (K)	Exhaust gas velocity (ms ⁻¹) (a)	Operation Status
23 Nov 22	-	-		Under Maintenance
24 Nov 22	-	-		Under Maintenance
25 Nov 22	890	1083		In Operation
26 Nov 22	820	1073		In Operation
27 Nov 22	880	1083		In Operation
28 Nov 22	870	1093		In Operation
29 Nov 22	880	1073		In Operation
30 Nov 22	850	1053		In Operation
1 Dec 22	890	1089		In Operation
2 Dec 22	860	1093		In Operation
3 Dec 22	870	1063		In Operation
4 Dec 22	910	1033		In Operation
5 Dec 22	890	1073		In Operation
6 Dec 22	890	1103		In Operation
7 Dec 22	850	1063		In Operation
8 Dec 22	840	1053		In Operation
9 Dec 22	860	1083		In Operation
10 Dec 22	890	1093		In Operation
11 Dec 22	870	1093		In Operation
12 Dec 22	880	1043		In Operation
13 Dec 22	890	1083		In Operation
14 Dec 22	870	1033		In Operation
15 Dec 22	860	1093	12.8	In Operation
16 Dec 22	860	1063		In Operation
17 Dec 22	870	1063		In Operation
18 Dec 22	-	-		Under Maintenance
19 Dec 22	870	1063		In Operation
20 Dec 22	860	1083		In Operation
21 Dec 22	870	1043		In Operation
22 Dec 22	880	1113		In Operation
23 Dec 22	860	1033		In Operation
24 Dec 22	880	1043		In Operation
25 Dec 22	880	1033		In Operation
26 Dec 22	870	1113		In Operation
27 Dec 22	900	1153		In Operation
28 Dec 22	890	1133		In Operation
29 Dec 22	880	1053		In Operation
30 Dec 22	870	1083		In Operation
31 Dec 22	860	1113		In Operation
Average	880	1067	9.4	
Min	820	988	6.5	
Max	990	1183	12.8	
Flare 2 - F602				
1 Oct 22	890	1103		In Operation
2 Oct 22	890	1098		In Operation
3 Oct 22	890	1053		In Operation
4 Oct 22	860	1093		In Operation
5 Oct 22	890	1083		In Operation
6 Oct 22	890	1083		In Operation
7 Oct 22	830	1053		In Operation
8 Oct 22	880	1093		In Operation
9 Oct 22	840	1053	6.5	In Operation
10 Oct 22	890	1073		In Operation
11 Oct 22	880	1093		In Operation
12 Oct 22	825	1033		In Operation
13 Oct 22	890	1093		In Operation
14 Oct 22	820	993		In Operation

Date	Gas Combustion Temperature (°C)	Exhaust temperature (K)	Exhaust gas velocity (ms ⁻¹) (a)	Operation Status
15 Oct 22	880	1043		In Operation
16 Oct 22	880	1103		In Operation
17 Oct 22	880	1073		In Operation
18 Oct 22	830	1083		In Operation
19 Oct 22	830	1043		In Operation
20 Oct 22	910	1133		In Operation
21 Oct 22	880	1103		In Operation
22 Oct 22	890	1053		In Operation
23 Oct 22	900	1113		In Operation
24 Oct 22	890	1093		In Operation
25 Oct 22	840	1053		In Operation
26 Oct 22	860	1073		In Operation
27 Oct 22	900	1113		In Operation
28 Oct 22	860	1073		In Operation
29 Oct 22	890	1083		In Operation
30 Oct 22	880	1073		In Operation
31 Oct 22	870	1053		In Operation
1 Nov 22	840	1061		In Operation
2 Nov 22	890	1049		In Operation
3 Nov 22	880	1073		In Operation
4 Nov 22	890	1053		In Operation
5 Nov 22	850	1113		In Operation
6 Nov 22	850	1123		In Operation
7 Nov 22	890	1073		In Operation
8 Nov 22	860	1083		In Operation
9 Nov 22	850	1123		In Operation
10 Nov 22	840	1073		In Operation
11 Nov 22	860	1063		In Operation
12 Nov 22	870	1083		In Operation
13 Nov 22	870	1053		In Operation
14 Nov 22	840	1093		In Operation
15 Nov 22	820	1088	8.9	In Operation
16 Nov 22	870	1073		In Operation
17 Nov 22	880	1053		In Operation
18 Nov 22	870	1093		In Operation
19 Nov 22	830	1113		In Operation
20 Nov 22	820	1083		In Operation
21 Nov 22	850	1073		In Operation
22 Nov 22	840	1063		In Operation
23 Nov 22	830	1093		In Operation
24 Nov 22	860	1083		In Operation
25 Nov 22	850	1073		In Operation
26 Nov 22	820	1083		In Operation
27 Nov 22	850	1063		In Operation
28 Nov 22	880	1063		In Operation
29 Nov 22	830	1043		In Operation
30 Nov 22	830	1093		In Operation
1 Dec 22	830	1043		In Operation
2 Dec 22	880	1103		In Operation
3 Dec 22	850	1073		In Operation
4 Dec 22	850	1093		In Operation
5 Dec 22	880	1103		In Operation
6 Dec 22	860	1093		In Operation
7 Dec 22	850	1093		In Operation
8 Dec 22	870	1113		In Operation
9 Dec 22	840	1073		In Operation
10 Dec 22	870	1113		In Operation

Date	Gas Combustion Temperature (°C)	Exhaust temperature (K)	Exhaust gas velocity (ms ⁻¹) (a)	Operation Status
11 Dec 22	870	1123		In Operation
12 Dec 22	870	1113		In Operation
13 Dec 22	860	1093		In Operation
14 Dec 22	860	1073	12.8	In Operation
15 Dec 22	860	1073		In Operation
16 Dec 22	840	1053		In Operation
17 Dec 22	-	-		Under Maintenance
18 Dec 22	890	1073		In Operation
19 Dec 22	850	1033		In Operation
20 Dec 22	-	-		Under Maintenance
21 Dec 22	-	-		Under Maintenance
22 Dec 22	-	-		Under Maintenance
23 Dec 22	-	-		Under Maintenance
24 Dec 22	-	-		Under Maintenance
25 Dec 22	-	-		Under Maintenance
26 Dec 22	-	-		Under Maintenance
27 Dec 22	-	-		Under Maintenance
28 Dec 22	-	-		Under Maintenance
29 Dec 22	-	-		Under Maintenance
30 Dec 22	-	-		Under Maintenance
31 Dec 22	-	-		Under Maintenance
Average	862	1079	9.4	
Min	820	993	6.5	
Max	910	1133	12.8	

Notes:

(a) The exhaust gas velocity was calculated based on the cross-section area of the stack and the gas flow and combustion temperature data measured during the stack emission monitoring.

Table D5.5 Landfill Gas Generator Stack Emission Monitoring Results

Parameters	Monitoring Results (October 2022)
NO ₂	0.08 gs ⁻¹
CO	0.56 gs ⁻¹
SO ₂	0.006 gs ⁻¹
Benzene	<1.12 x 10 ⁻⁴ gs ⁻¹
Vinyl chloride	<9.7 x 10 ⁻⁶ gs ⁻¹
Exhaust gas velocity	10.3 ms ⁻¹
Parameters	Monitoring Results (November 2022)
NO ₂	0.01 gs ⁻¹
CO	0.429 gs ⁻¹
SO ₂	<0.001 gs ⁻¹
Benzene	<1.6 x 10 ⁻⁵ gs ⁻¹
Vinyl chloride	<1.28 x 10 ⁻⁵ gs ⁻¹
Non-Methane Organic Carbons	<3.0 x 10 ⁻⁴ gs ⁻¹
Exhaust gas velocity	11.6 ms ⁻¹
Parameters	Monitoring Results (December 2022) ^(a)
NO ₂	-
CO	-
SO ₂	-
Benzene	-
Vinyl chloride	-
Non-Methane Organic Carbons	-

Notes:

(a) The Landfill Gas Generator was under maintenance.

Table D5.6 Landfill Gas Generator Stack Continuous Monitoring Results

Date	Exhaust temperature (K)	Exhaust gas velocity (ms ⁻¹) ^(a)	Operation Status (Landfill Gas Generator in Operation)
ENGA			
1 Oct 22	861		In Operation
2 Oct 22	867		In Operation
3 Oct 22	865		In Operation
4 Oct 22	865		In Operation
5 Oct 22	865		In Operation
6 Oct 22	865		In Operation
7 Oct 22	864		In Operation
8 Oct 22	863		In Operation
9 Oct 22	860		In Operation
10 Oct 22	856		In Operation
11 Oct 22	855	10.3	In Operation
12 Oct 22	864		In Operation
13 Oct 22	865		In Operation
14 Oct 22	865		In Operation
15 Oct 22	851		In Operation
16 Oct 22	852		In Operation
17 Oct 22	855		In Operation
18 Oct 22	859		In Operation
19 Oct 22	865		In Operation
20 Oct 22	866		In Operation
21 Oct 22	867		In Operation
22 Oct 22	869		In Operation

Date	Exhaust temperature (K)	Exhaust gas velocity (ms ⁻¹) (a)	Operation Status (Landfill Gas Generator in Operation)
23 Oct 22	874		In Operation
24 Oct 22	871		In Operation
25 Oct 22	873		In Operation
26 Oct 22	869		In Operation
27 Oct 22	874		In Operation
28 Oct 22	877		In Operation
29 Oct 22	877		In Operation
30 Oct 22	875		In Operation
31 Oct 22	893		In Operation
1 Nov 22	-		Under Maintenance
2 Nov 22	-		Under Maintenance
3 Nov 22	-		Under Maintenance
4 Nov 22	-		Under Maintenance
5 Nov 22	-		Under Maintenance
6 Nov 22	-		Under Maintenance
7 Nov 22	-		Under Maintenance
8 Nov 22	-		Under Maintenance
9 Nov 22	-		Under Maintenance
10 Nov 22	-		Under Maintenance
11 Nov 22	-		Under Maintenance
12 Nov 22	893		In Operation
13 Nov 22	892		In Operation
14 Nov 22	892		In Operation
15 Nov 22	890		In Operation
16 Nov 22	895	11.6	In Operation
17 Nov 22	896		In Operation
18 Nov 22	903		In Operation
19 Nov 22	916		In Operation
20 Nov 22	906		In Operation
21 Nov 22	907		In Operation
22 Nov 22	955		In Operation
23 Nov 22	-		Under Maintenance
24 Nov 22	-		Under Maintenance
25 Nov 22	-		Under Maintenance
26 Nov 22	-		Under Maintenance
27 Nov 22	-		Under Maintenance
28 Nov 22	-		Under Maintenance
29 Nov 22	-		Under Maintenance
30 Nov 22	-		Under Maintenance
1 Dec 22	-		Under Maintenance
2 Dec 22	-		Under Maintenance
3 Dec 22	-		Under Maintenance
4 Dec 22	-		Under Maintenance
5 Dec 22	-		Under Maintenance
6 Dec 22	-		Under Maintenance
7 Dec 22	-		Under Maintenance
8 Dec 22	-		Under Maintenance
9 Dec 22	-		Under Maintenance
10 Dec 22	-	-	Under Maintenance
11 Dec 22	-		Under Maintenance
12 Dec 22	-		Under Maintenance
13 Dec 22	-		Under Maintenance
14 Dec 22	-		Under Maintenance
15 Dec 22	-		Under Maintenance
16 Dec 22	-		Under Maintenance
17 Dec 22	-		Under Maintenance
18 Dec 22	-		Under Maintenance
19 Dec 22	-		Under Maintenance

Date	Exhaust temperature (K)	Exhaust gas velocity (ms ⁻¹) (a)	Operation Status (Landfill Gas Generator in Operation)
20 Dec 22	-		Under Maintenance
21 Dec 22	-		Under Maintenance
22 Dec 22	-		Under Maintenance
23 Dec 22	-		Under Maintenance
24 Dec 22	-		Under Maintenance
25 Dec 22	-		Under Maintenance
26 Dec 22	-		Under Maintenance
27 Dec 22	-		Under Maintenance
28 Dec 22	-		Under Maintenance
29 Dec 22	-		Under Maintenance
30 Dec 22	-		Under Maintenance
31 Dec 22	-		Under Maintenance
Average	876	11.0	
Min	851	10.3	
Max	955	11.6	
ENGB			
1-Oct-22	847		In Operation
2-Oct-22	863		In Operation
3-Oct-22	861		In Operation
4-Oct-22	858		In Operation
5-Oct-22	860		In Operation
6-Oct-22	857		In Operation
7-Oct-22	864		In Operation
8-Oct-22	862		In Operation
9-Oct-22	859		In Operation
10-Oct-22	855		In Operation
11-Oct-22	856		In Operation
12-Oct-22	858	10.3	In Operation
13-Oct-22	862		In Operation
14-Oct-22	859		In Operation
15-Oct-22	858		In Operation
16-Oct-22	848		In Operation
17-Oct-22	859		In Operation
18-Oct-22	858		In Operation
19-Oct-22	857		In Operation
20-Oct-22	857		In Operation
21-Oct-22	861		In Operation
22-Oct-22	862		In Operation
23-Oct-22	867		In Operation
24-Oct-22	865		In Operation
25-Oct-22	865		In Operation
26-Oct-22	863		In Operation
27-Oct-22	864		In Operation
28-Oct-22	866		In Operation
29-Oct-22	866		In Operation
30-Oct-22	863		In Operation
31-Oct-22	865		In Operation
1 Nov 22	883		In Operation
2 Nov 22	882		In Operation
3 Nov 22	893		In Operation
4 Nov 22	892		In Operation
5 Nov 22	892		In Operation
6 Nov 22	898		In Operation
7 Nov 22	910		In Operation
8 Nov 22	910		In Operation
9 Nov 22	903		In Operation
10 Nov 22	917		In Operation
11 Nov 22	915		In Operation

Date	Exhaust temperature (K)	Exhaust gas velocity (ms ⁻¹) (a)	Operation Status (Landfill Gas Generator in Operation)
12 Nov 22	907	11.6	In Operation
13 Nov 22	893		In Operation
14 Nov 22	890		In Operation
15 Nov 22	892		In Operation
16 Nov 22	890		In Operation
17 Nov 22	886		In Operation
18 Nov 22	893		In Operation
19 Nov 22	897		In Operation
20 Nov 22	880		In Operation
21 Nov 22	880		In Operation
22 Nov 22	914		In Operation
23 Nov 22	908		In Operation
24 Nov 22	909		In Operation
25 Nov 22	910		In Operation
26 Nov 22	896		In Operation
27 Nov 22	904		In Operation
28 Nov 22	901		In Operation
29 Nov 22	-		Under Maintenance
30 Nov 22	-		Under Maintenance
1 Dec 22	-		Under Maintenance
2 Dec 22	-		Under Maintenance
3 Dec 22	-		Under Maintenance
4 Dec 22	-		Under Maintenance
5 Dec 22	-		Under Maintenance
6 Dec 22	-		Under Maintenance
7 Dec 22	-		Under Maintenance
8 Dec 22	-		Under Maintenance
9 Dec 22	-		Under Maintenance
10 Dec 22	-		Under Maintenance
11 Dec 22	-		Under Maintenance
12 Dec 22	-	-	Under Maintenance
13 Dec 22	-		Under Maintenance
14 Dec 22	-		Under Maintenance
15 Dec 22	-		Under Maintenance
16 Dec 22	-		Under Maintenance
17 Dec 22	-		Under Maintenance
18 Dec 22	-		Under Maintenance
19 Dec 22	-		Under Maintenance
20 Dec 22	-		Under Maintenance
21 Dec 22	-		Under Maintenance
22 Dec 22	-		Under Maintenance
23 Dec 22	-		Under Maintenance
24 Dec 22	-		Under Maintenance
25 Dec 22	-		Under Maintenance
26 Dec 22	-		Under Maintenance
27 Dec 22	-		Under Maintenance
28 Dec 22	-		Under Maintenance
29 Dec 22	-		Under test run
30 Dec 22	-		Under test run
31 Dec 22	-		Under test run
Average	878	11.0	
Min	841	10.3	
Max	917	11.6	

Notes:

(a) The exhaust gas velocity was calculated based on the cross-section area of the stack and the gas flow and combustion temperature data measured during the stack emission monitoring.