

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 (July 2022)
NO ₂	0.89 gs ⁻¹
CO	<0.01 gs ⁻¹
SO ₂	<0.01 gs ⁻¹
Benzene	<2.1 x 10 ⁻⁴ gs ⁻¹
Vinyl chloride	<2 x 10 ⁻⁵ gs ⁻¹
Exhaust gas velocity	9.7 ms ⁻¹
Parameters	Monitoring Results (August 2022)
NO ₂	0.86 gs ⁻¹
CO	<0.01 gs ⁻¹
SO ₂	<0.02 gs ⁻¹
Non-Methane Organic Carbon	0.0055 gs ⁻¹
Benzene	<3 x 10 ⁻⁵ gs ⁻¹
Vinyl chloride	<2 x 10 ⁻⁵ gs ⁻¹
Ammonia	0.232 gs ⁻¹
Exhaust gas velocity	9.3 ms ⁻¹
Parameters	Monitoring Results (September 2022)
NO ₂	0.38 gs ⁻¹
CO	<0.01 gs ⁻¹
SO ₂	<0.01 gs ⁻¹
Benzene	<2 x 10 ⁻⁴ gs ⁻¹
Vinyl chloride	<1.3 x 10 ⁻⁴ gs ⁻¹
Ammonia	0.0414 gs ⁻¹
Exhaust gas velocity	11.2 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 Jul 22	928	1168	
2 Jul 22	924	1167	
3 Jul 22	923	1165	
4 Jul 22	924	1171	
5 Jul 22	923	1172	
6 Jul 22	928	1171	
7 Jul 22	923	1170	
8 Jul 22	929	1171	
9 Jul 22	920	1169	
10 Jul 22	924	1172	
11 Jul 22	930	1172	
12 Jul 22	Under Maintenance	-	
13 Jul 22	Under Maintenance	-	
14 Jul 22	934	1169	
15 Jul 22	926	1170	
16 Jul 22	920	1168	9.7
17 Jul 22	928	1171	
18 Jul 22	929	1162	
19 Jul 22	918	1167	
20 Jul 22	932	1175	
21 Jul 22	924	1172	
22 Jul 22	918	1169	

Date	Gas Combustion Temperature (°C)	Exhaust temperature (K)	Exhaust gas velocity (ms ⁻¹) (a)
23 Jul 22	924	1173	
24 Jul 22	927	1173	
25 Jul 22	925	1170	
26 Jul 22	924	1168	
27 Jul 22	925	1170	
28 Jul 22	930	1172	
29 Jul 22	922	1168	
30 Jul 22	924	1168	
31 Jul 22	927	1167	
1 Aug 22	924	1181	
2 Aug 22	933	1229	
3 Aug 22	928	1227	
4 Aug 22	930	1230	
5 Aug 22	926	1227	
6 Aug 22	929	1228	
7 Aug 22	926	1227	
8 Aug 22	917	1224	
9 Aug 22	880	1230	
10 Aug 22	924	1231	
11 Aug 22	923	1227	
12 Aug 22	923	1225	
13 Aug 22	920	1226	
14 Aug 22	921	1229	
15 Aug 22	928	1234	
16 Aug 22	925	1233	
17 Aug 22	921	1232	9.3
18 Aug 22	927	1231	
19 Aug 22	927	1232	
20 Aug 22	928	1233	
21 Aug 22	924	1234	
22 Aug 22	924	1239	
23 Aug 22	921	1235	
24 Aug 22	924	1236	
25 Aug 22	928	1236	
26 Aug 22	926	1237	
27 Aug 22	929	1241	
28 Aug 22	921	1237	
29 Aug 22	921	1239	
30 Aug 22	920	1238	
31 Aug 22	948	1216	
1-Sep-22	923	1236	
2-Sep-22	925	1225	
3-Sep-22	930	1239	
4-Sep-22	921	1235	
5-Sep-22	917	1235	
6-Sep-22	925	1233	
7-Sep-22	926	1234	
8-Sep-22	932	1240	
9-Sep-22	912	1234	
10-Sep-22	923	1236	
11-Sep-22	925	1237	
12-Sep-22	928	1237	11.2
13-Sep-22	924	1236	
14-Sep-22	926	1231	
15-Sep-22	921	1235	
16-Sep-22	926	1238	
17-Sep-22	924	1236	
18-Sep-22	922	1235	

Date	Gas Combustion Temperature (°C)	Exhaust temperature (K)	Exhaust gas velocity (ms ⁻¹) (a)
19-Sep-22	932	1242	
20-Sep-22	929	1248	
21-Sep-22	923	1242	
22-Sep-22	925	1244	
23-Sep-22	922	1242	
24-Sep-22	920	1239	
25-Sep-22	921	1241	
26-Sep-22	924	1244	
27-Sep-22	922	1242	
28-Sep-22	925	1244	
29-Sep-22	920	1243	
30-Sep-22	917	1239	
Average	939	1204	10.1
Min	901	1148	9.3
Max	980	1325	11.2

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 (July 2022)
	Flare 2 - F602
NO ₂	<0.01 gs ⁻¹
CO	0.53 gs ⁻¹
SO ₂	0.01 gs ⁻¹
Benzene	<1.8 x 10 ⁻⁵ gs ⁻¹
Vinyl chloride	<1.4 x 10 ⁻⁵ gs ⁻¹
Exhaust gas velocity	6.5 ms ⁻¹
Parameters	Monitoring Results (August 2022)
	Flare 1 - F601
NO ₂	<0.02 gs ⁻¹
CO	0.83 gs ⁻¹
SO ₂	0.12 gs ⁻¹
Non-Methane Organic Carbon	<0.002 gs ⁻¹
Benzene	<2.5 x 10 ⁻⁵ gs ⁻¹
Vinyl chloride	<2.0 x 10 ⁻⁵ gs ⁻¹
Exhaust gas velocity	8.9 ms ⁻¹
Parameters	Monitoring Results (September 2022)
	Flare 1 - F601
NO ₂	<0.02 gs ⁻¹
CO	<0.01 gs ⁻¹
SO ₂	<0.01 gs ⁻¹
Benzene	<1.23 x 10 ⁻⁴ gs ⁻¹
Vinyl chloride	<9.8 x 10 ⁻⁵ gs ⁻¹
Exhaust gas velocity	8.9 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 Jul 22	923	1029		In Operation
2 Jul 22	911	999		In Operation
3 Jul 22	891	1068		In Operation
4 Jul 22	899	1073		In Operation
5 Jul 22	902	1072		In Operation
6 Jul 22	822	1070		In Operation
7 Jul 22	947	1045		In Operation
8 Jul 22	894	990		In Operation
9 Jul 22	915	1037		In Operation
10 Jul 22	901	1057		In Operation
11 Jul 22	895	1025		In Operation
12 Jul 22	940	1063		In Operation
13 Jul 22	836	1060		In Operation
14 Jul 22	950	1033		In Operation
15 Jul 22	880	973		In Operation
16 Jul 22	900	1013	6.5	In Operation
17 Jul 22	885	1028		In Operation
18 Jul 22	920	1033		In Operation
19 Jul 22	950	1083		In Operation
20 Jul 22	920	1073		In Operation
21 Jul 22	890	1033		In Operation
22 Jul 22	880	1053		In Operation
23 Jul 22	920	1053		In Operation
24 Jul 22	900	1053		In Operation
25 Jul 22	890	1003		In Operation
26 Jul 22	955	998		In Operation
27 Jul 22	860	1033		In Operation
28 Jul 22	880	1013		In Operation
29 Jul 22	900	963		In Operation
30 Jul 22	860	993		In Operation
31 Jul 22	920	1063		In Operation
1 Aug 22	874	1139		In Operation
2 Aug 22	858	1129		In Operation
3 Aug 22	841	1096		In Operation
4 Aug 22	828	1040		In Operation
5 Aug 22	943	1203		In Operation
6 Aug 22	897	1163		In Operation
7 Aug 22	920	1183		In Operation
8 Aug 22	920	1153		In Operation
9 Aug 22	863	1123		In Operation
10 Aug 22	865	1093		In Operation
11 Aug 22	848	1023		In Operation
12 Aug 22	899	1141		In Operation
13 Aug 22	940	1203		In Operation
14 Aug 22	910	1001	8.9	In Operation
15 Aug 22	875	1043		In Operation
16 Aug 22	930	1083		In Operation
17 Aug 22	913	1170		In Operation
18 Aug 22	826	1073		In Operation
19 Aug 22	872	1118		In Operation
20 Aug 22	880	1023		In Operation
21 Aug 22	865	1095		In Operation
22 Aug 22	864	1013		In Operation

Date	Gas Combustion Temperature (°C)	Exhaust temperature (K)	Exhaust gas velocity (ms ⁻¹) (a)	Operation Status
23 Aug 22	950	1150		In Operation
24 Aug 22	966	1248		In Operation
25 Aug 22	873	993		In Operation
26 Aug 22	910	1163		In Operation
27 Aug 22	860	1123		In Operation
28 Aug 22	863	1028		In Operation
29 Aug 22	920	1133		In Operation
30 Aug 22	930	1183		In Operation
31 Aug 22	884	1073		In Operation
1-Sep-22	828	991		In Operation
2-Sep-22	839	1035		In Operation
3-Sep-22	901	1036		In Operation
4-Sep-22	840	1091		In Operation
5-Sep-22	869	1127		In Operation
6-Sep-22	875	1003		In Operation
7-Sep-22	892	1033		In Operation
8-Sep-22	875	996		In Operation
9-Sep-22	877	1004		In Operation
10-Sep-22	865	1027		In Operation
11-Sep-22	-	-		Under Maintenance
12-Sep-22	-	-		Under Maintenance
13-Sep-22	838	1073		In Operation
14-Sep-22	883	1056		In Operation
15-Sep-22	894	1020	8.9	In Operation
16-Sep-22	881	1003		In Operation
17-Sep-22	859	1103		In Operation
18-Sep-22	944	1077		In Operation
19-Sep-22	890	1113		In Operation
20-Sep-22	868	1005		In Operation
21-Sep-22	873	987		In Operation
22-Sep-22	890	987		In Operation
23-Sep-22	820	1067		In Operation
24-Sep-22	824	1073		In Operation
25-Sep-22	-	-		Under Maintenance
26-Sep-22	848	1099		In Operation
27-Sep-22	-	-		Under Maintenance
28-Sep-22	840	1047		In Operation
29-Sep-22	868	1113		In Operation
30-Sep-22	822	1033		In Operation
Average	887	1048	8.1	
Min	820	963	6.5	
Max	966	1127	8.9	
Flare 2 - F602				
1 Jul 22	830	1073		In Operation
2 Jul 22	860	1073		In Operation
3 Jul 22	890	1113		In Operation
4 Jul 22	930	1153		In Operation
5 Jul 22	860	1103		In Operation
6 Jul 22	884	1109		In Operation
7 Jul 22	834	1068		In Operation
8 Jul 22	830	1083		In Operation
9 Jul 22	870	1093		In Operation
10 Jul 22	830	1063		In Operation
11 Jul 22	905	1163		In Operation
12 Jul 22	840	1093		In Operation
13 Jul 22	870	1113		In Operation
14 Jul 22	840	1083		In Operation

Date	Gas Combustion Temperature (°C)	Exhaust temperature (K)	Exhaust gas velocity (ms ⁻¹) (a)	Operation Status
15 Jul 22	824	1067		In Operation
16 Jul 22	834	1093	6.5	In Operation
17 Jul 22	904	1143		In Operation
18 Jul 22	865	1096		In Operation
19 Jul 22	845	1083		In Operation
20 Jul 22	880	1118		In Operation
21 Jul 22	854	1089		In Operation
22 Jul 22	830	1078		In Operation
23 Jul 22	880	1083		In Operation
24 Jul 22	830	1063		In Operation
25 Jul 22	842	1077		In Operation
26 Jul 22	844	1097		In Operation
27 Jul 22	854	1061		In Operation
28 Jul 22	875	1063		In Operation
29 Jul 22	835	1091		In Operation
30 Jul 22	874	1101		In Operation
1 Aug 22	855	1093		In Operation
2 Aug 22	870	1063		In Operation
3 Aug 22	860	1073		In Operation
4 Aug 22	840	1053		In Operation
5 Aug 22	840	1053		In Operation
6 Aug 22	840	1043		In Operation
7 Aug 22	825	1033		In Operation
8 Aug 22	890	1053		In Operation
9 Aug 22	880	1053		In Operation
10 Aug 22	835	1043		In Operation
11 Aug 22	860	1084		In Operation
12 Aug 22	830	1033		In Operation
13 Aug 22	826	1023		In Operation
14 Aug 22	860	1073		In Operation
15 Aug 22	870	1093		In Operation
16 Aug 22	850	1043	8.9	In Operation
17 Aug 22	820	1063		In Operation
18 Aug 22	830	1073		In Operation
19 Aug 22	830	1063		In Operation
20 Aug 22	820	1053		In Operation
21 Aug 22	870	1083		In Operation
22 Aug 22	820	1053		In Operation
23 Aug 22	890	1103		In Operation
24 Aug 22	890	1093		In Operation
25 Aug 22	850	1065		In Operation
26 Aug 22	820	1023		In Operation
27 Aug 22	820	1083		In Operation
28 Aug 22	830	1053		In Operation
29 Aug 22	820	1043		In Operation
30 Aug 22	840	1063		In Operation
31 Aug 22	850	1073		In Operation
1-Sep-22	876	1061		In Operation
2-Sep-22	821	1049		In Operation
3-Sep-22	826	1056		In Operation
4-Sep-22	948	1127		In Operation
5-Sep-22	847	1047		In Operation
6-Sep-22	830	1071		In Operation
7-Sep-22	833	1047		In Operation
8-Sep-22	860	1103		In Operation
9-Sep-22	852	1069		In Operation
10-Sep-22	895	1111	8.9	In Operation

Date	Gas Combustion Temperature (°C)	Exhaust temperature (K)	Exhaust gas velocity (ms ⁻¹) (a)	Operation Status
11-Sep-22	-	-		Under Maintenance
12-Sep-22	-	-		Under Maintenance
13-Sep-22	832	1088		In Operation
14-Sep-22	828	1055		In Operation
15-Sep-22	876	1058		In Operation
16-Sep-22	877	1093		In Operation
17-Sep-22	850	1083		In Operation
18-Sep-22	899	1119		In Operation
19-Sep-22	870	1096		In Operation
20-Sep-22	890	1108		In Operation
21-Sep-22	880	1097		In Operation
22-Sep-22	854	1051		In Operation
23-Sep-22	880	1098		In Operation
24-Sep-22	834	1088		In Operation
25-Sep-22	844	1096		In Operation
26-Sep-22	830	1057		In Operation
27-Sep-22	912	1125		In Operation
28-Sep-22	825	1046		In Operation
29-Sep-22	850	1068		In Operation
30-Sep-22	883	1083		In Operation
Average	855	1078	8.1	
Min	820	1023	6.5	
Max	948	1163	8.9	

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 D5.5 Landfill Gas Generator Stack Emission Monitoring Results

Parameters	Monitoring Results (July 2022)
NO ₂	0.01 gs ⁻¹
CO	0.28 gs ⁻¹
SO ₂	0.003 gs ⁻¹
Benzene	<8.0 x 10 ⁻⁶ gs ⁻¹
Vinyl chloride	<1.8 x 10 ⁻⁶ gs ⁻¹
Exhaust gas velocity	11.2 ms ⁻¹
Parameters	Monitoring Results (August 2022)
NO ₂	0.04 gs ⁻¹
CO	0.622 gs ⁻¹
SO ₂	0.015 gs ⁻¹
Non-Methane Organic Carbon	0.0012 gs ⁻¹
Benzene	<8.7 x 10 ⁻⁵ gs ⁻¹
Vinyl chloride	<2.1 x 10 ⁻⁶ gs ⁻¹
Exhaust gas velocity	9.3 ms ⁻¹
Parameters	Monitoring Results (September 2022)
NO ₂	0.07 gs ⁻¹
CO	0.75 gs ⁻¹
SO ₂	0.008 gs ⁻¹
Benzene	<1.92 x 10 ⁻⁴ gs ⁻¹
Vinyl chloride	<9.6 x 10 ⁻⁶ gs ⁻¹
Exhaust gas velocity	10.2 ms ⁻¹

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 Jul 22	867		Under Maintenance
2 Jul 22	865		Under Maintenance
3 Jul 22	869		Under Maintenance
4 Jul 22	848		In Operation
5 Jul 22	852		In Operation
6 Jul 22	851		In Operation
7 Jul 22	884		Under Maintenance
8 Jul 22	886		Under Maintenance
9 Jul 22	887		Under Maintenance
10 Jul 22	888		Under Maintenance
11 Jul 22	889		Under Maintenance
12 Jul 22	880		Under Maintenance
13 Jul 22	880		Under Maintenance
14 Jul 22	893		Under Maintenance
15 Jul 22	-		In Operation
16 Jul 22	885	11.2	Under Maintenance
17 Jul 22	886		Under Maintenance
18 Jul 22	859		In Operation
19 Jul 22	866		In Operation
20 Jul 22	857		In Operation
21 Jul 22	857		In Operation
22 Jul 22	859		In Operation
23 Jul 22	860		In Operation
24 Jul 22	861		In Operation

Date	Exhaust temperature (K)	Exhaust gas velocity (ms ⁻¹) ^(a)	Operation Status (Landfill Gas Generator in Operation)
25 Jul 22	863		In Operation
26 Jul 22	866		In Operation
27 Jul 22	859		In Operation
28 Jul 22	861		In Operation
29 Jul 22	859		In Operation
30 Jul 22	857		In Operation
31 Jul 22	860		In Operation
1 Aug 22	859		In Operation
2 Aug 22	857		In Operation
3 Aug 22	862		In Operation
4 Aug 22	858		In Operation
5 Aug 22	860		In Operation
6 Aug 22	863		In Operation
7 Aug 22	861		In Operation
8 Aug 22	859		In Operation
9 Aug 22	858		In Operation
10 Aug 22	857		In Operation
11 Aug 22	858		In Operation
12 Aug 22	856		In Operation
13 Aug 22	860		In Operation
14 Aug 22	858		In Operation
15 Aug 22	858		In Operation
16 Aug 22	862	9.3	In Operation
17 Aug 22	860		In Operation
18 Aug 22	859		In Operation
19 Aug 22	859		In Operation
20 Aug 22	865		In Operation
21 Aug 22	865		In Operation
22 Aug 22	865		In Operation
23 Aug 22	864		In Operation
24 Aug 22	863		In Operation
25 Aug 22	866		In Operation
26 Aug 22	865		In Operation
27 Aug 22	865		In Operation
28 Aug 22	864		In Operation
29 Aug 22	868		In Operation
30 Aug 22	865		In Operation
31 Aug 22	862		In Operation
1-Sep-22	865		In Operation
2-Sep-22	867		In Operation
3-Sep-22	858		In Operation
4-Sep-22	860		In Operation
5-Sep-22	860		In Operation
6-Sep-22	863		In Operation
7-Sep-22	864		In Operation
8-Sep-22	880		In Operation
9-Sep-22	861		In Operation
10-Sep-22	856	10.2	In Operation
11-Sep-22	856		In Operation
12-Sep-22	854		In Operation
13-Sep-22	-		Under Maintenance
14-Sep-22	856		In Operation
15-Sep-22	853		In Operation
16-Sep-22	859		In Operation
17-Sep-22	863		In Operation
18-Sep-22	855		In Operation
19-Sep-22	863		In Operation
20-Sep-22	862		In Operation

Date	Exhaust temperature (K)	Exhaust gas velocity (ms ⁻¹) ^(a)	Operation Status (Landfill Gas Generator in Operation)
21-Sep-22	858		In Operation
22-Sep-22	862		In Operation
23-Sep-22	860		In Operation
24-Sep-22	859		In Operation
25-Sep-22	860		In Operation
26-Sep-22	861		In Operation
27-Sep-22	860		In Operation
28-Sep-22	863		In Operation
29-Sep-22	864		In Operation
30-Sep-22	852		In Operation
Average	860	10.2	
Min	848	9.3	
Max	880	11.2	
ENGB			
1 Jul 22	-		Under Maintenance
2 Jul 22	-		Under Maintenance
3 Jul 22	-		Under Maintenance
4 Jul 22	848		In Operation
5 Jul 22	851		In Operation
6 Jul 22	850		In Operation
7 Jul 22	-		Under Maintenance
8 Jul 22	-		Under Maintenance
9 Jul 22	-		Under Maintenance
10 Jul 22	-		Under Maintenance
11 Jul 22	-		Under Maintenance
12 Jul 22	-		Under Maintenance
13 Jul 22	-		Under Maintenance
14 Jul 22	-		Under Maintenance
15 Jul 22	871		In Operation
16 Jul 22	-		Under Maintenance
17 Jul 22	-	11.2	Under Maintenance
18 Jul 22	854		In Operation
19 Jul 22	860		In Operation
20 Jul 22	852		In Operation
21 Jul 22	852		In Operation
22 Jul 22	854		In Operation
23 Jul 22	855		In Operation
24 Jul 22	856		In Operation
25 Jul 22	856		In Operation
26 Jul 22	864		In Operation
27 Jul 22	854		In Operation
28 Jul 22	858		In Operation
29 Jul 22	855		In Operation
30 Jul 22	861		In Operation
31 Jul 22	856		In Operation
1 Aug 22	1181		In Operation
2 Aug 22	1229		In Operation
3 Aug 22	1227		In Operation
4 Aug 22	1230		In Operation
5 Aug 22	1227		In Operation
6 Aug 22	1228		In Operation
7 Aug 22	1227		In Operation
8 Aug 22	1224		In Operation
9 Aug 22	1230		In Operation
10 Aug 22	1231		In Operation
11 Aug 22	1227		In Operation
12 Aug 22	1225	9.3	In Operation
13 Aug 22	1226		In Operation

Date	Exhaust temperature (K)	Exhaust gas velocity (ms ⁻¹) ^(a)	Operation Status (Landfill Gas Generator in Operation)
14 Aug 22	1229		In Operation
15 Aug 22	1234		In Operation
16 Aug 22	1233		In Operation
17 Aug 22	1232		In Operation
18 Aug 22	1231		In Operation
19 Aug 22	1232		In Operation
20 Aug 22	1233		In Operation
21 Aug 22	1234		In Operation
22 Aug 22	1239		In Operation
23 Aug 22	1235		In Operation
24 Aug 22	1236		In Operation
25 Aug 22	1236		In Operation
26 Aug 22	1237		In Operation
27 Aug 22	1241		In Operation
28 Aug 22	1237		In Operation
29 Aug 22	1239		In Operation
30 Aug 22	1238		In Operation
31 Aug 22	1241		In Operation
1-Sep-22	1236		In Operation
2-Sep-22	1225		In Operation
3-Sep-22	1239		In Operation
4-Sep-22	1235		In Operation
5-Sep-22	1235		In Operation
6-Sep-22	1233		In Operation
7-Sep-22	1234		In Operation
8-Sep-22	1240		Under Maintenance
9-Sep-22	1234		In Operation
10-Sep-22	1236		In Operation
11-Sep-22	1237		In Operation
12-Sep-22	1237		In Operation
13-Sep-22	1236	10.2	In Operation
14-Sep-22	1231		In Operation
15-Sep-22	1235		In Operation
16-Sep-22	1238		In Operation
17-Sep-22	1236		In Operation
18-Sep-22	1235		In Operation
19-Sep-22	1242		In Operation
20-Sep-22	1248		In Operation
21-Sep-22	1242		In Operation
22-Sep-22	1244		In Operation
23-Sep-22	1242		In Operation
24-Sep-22	1239		In Operation
25-Sep-22	1241		In Operation
26-Sep-22	1244		In Operation
27-Sep-22	1242		In Operation
28-Sep-22	1244		In Operation
29-Sep-22	1243		In Operation
30-Sep-22	1239		In Operation
Average	858	10.2	
Min	845	9.3	
Max	879	11.2	

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.