

Measurements of Emission Gas

FY2023

Wastech Division (Iwaki)

[No.7 Incinerator]

Concentrations of Dioxins												
Sampling position of the emission gas	Stack outlet											
Sampling date of the emission gas	6-Apr	15-Jun	-	5-Oct	14-Dec	-						
Date of measurement result obtained	11-May	13-Jul	-	2-Nov	19-Jan	-						
Measurement result (ng-TEQ/m ³ N)	0.0014	0.00015	-	0.0019	0.00069	-						
Concentrations of Soot												
Concentration of Sulfur Oxides												
Sampling position of the emission gas	Stack outlet											
Sampling date of the emission gas	6-Apr	15-Jun	24-Aug	5-Oct	14-Dec	1-Feb						
Date of measurement result obtained	11-May	13-Jul	20-Sep	2-Nov	19-Jan	28-Feb						
Measurement result (volppm)	<0.5	<0.5	1.9	0.9	<0.5	6.8						
Concentration of Soot and Dust												
Sampling position of the emission gas	Stack outlet											
Sampling date of the emission gas	6-Apr	15-Jun	24-Aug	5-Oct	14-Dec	1-Feb						
Date of measurement result obtained	11-May	13-Jul	20-Sep	2-Nov	19-Jan	28-Feb						
Measurement result (g/m ³ N)	0.004	0.003	0.006	0.003	0.002	0.003						
Concentration of Hydrogen Chloride												
Sampling position of the emission gas	Stack outlet											
Sampling date of the emission gas	6-Apr	15-Jun	24-Aug	5-Oct	14-Dec	1-Feb						
Date of measurement result obtained	11-May	13-Jul	20-Sep	2-Nov	19-Jan	28-Feb						
Measurement result (mg/m ³ N)	0.6	0.6	<0.5	<0.5	0.6	<0.5						
Concentration of Nitrogen Oxides												
Sampling position of the emission gas	Stack outlet											
Sampling date of the emission gas	6-Apr	15-Jun	24-Aug	5-Oct	14-Dec	1-Feb						
Date of measurement result obtained	11-May	13-Jul	20-Sep	2-Nov	19-Jan	28-Feb						
Measurement result (volppm)	63	75	63	65	73	67						

[No.8 Incinerator]

Concentrations of Dioxins												
Sampling position of the emission gas	Stack outlet											
Sampling date of the emission gas	13-Apr	8-Jun	-	14-Sep	-	22-Nov	-					
Date of measurement result obtained	16-May	6-Jul	-	12-Oct	-	19-Dec	-					
Measurement result (ng-TEQ/m ³ N)	0.0001	0.0001	-	0.0006	-	0.0004	-					
Concentrations of Soot												
Concentration of Sulfur Oxides												
Sampling position of the emission gas	Stack outlet											
Sampling date of the emission gas	13-Apr	8-Jun	3-Aug	14-Sep	12-Oct	22-Nov	7-Dec	8-Feb				
Date of measurement result obtained	16-May	6-Jul	31-Aug	12-Oct	9-Nov	20-Dec	10-Jan	7-Mar				
Measurement result (volppm)	<0.5	<0.5	<0.5	<0.5	1.1	<0.5	0.5	<0.5				
Concentration of Soot and Dust												
Sampling position of the emission gas	Stack outlet											
Sampling date of the emission gas	13-Apr	8-Jun	3-Aug	14-Sep	12-Oct	22-Nov	7-Dec	8-Feb				
Date of measurement result obtained	16-May	6-Jul	31-Aug	12-Oct	9-Nov	20-Dec	10-Jan	7-Mar				
Measurement result (g/m ³ N)	0.004	0.003	0.004	0.004	0.001	0.002	0.002	0.004				
Concentration of Hydrogen Chloride												
Sampling position of the emission gas	Stack outlet											
Sampling date of the emission gas	13-Apr	8-Jun	3-Aug	14-Sep	12-Oct	22-Nov	7-Dec	8-Feb				
Date of measurement result obtained	16-May	6-Jul	31-Aug	12-Oct	9-Nov	20-Dec	10-Jan	7-Mar				
Measurement result (mg/m ³ N)	<0.5	<0.5	0.6	0.9	1.3	<0.5	<0.5	<0.5				
Concentration of Nitrogen Oxides												
Sampling position of the emission gas	Stack outlet											
Sampling date of the emission gas	13-Apr	8-Jun	3-Aug	14-Sep	12-Oct	22-Nov	7-Dec	8-Feb				
Date of measurement result obtained	16-May	6-Jul	31-Aug	12-Oct	9-Nov	20-Dec	10-Jan	7-Mar				
Measurement result (volppm)	84	76	73	67	50	47	58	70				