





# Measurements of Emission Gas

FY2022

Wastech Division (Iwaki)

[No.7 Incinerator]

Concentrations of Dioxins												
Sampling position of the emission gas	Stack outlet											
Sampling date of the emission gas	14-Apr	2-Jun	13-Jul	12-Aug	18-Oct	1-Dec	9-Feb					
Date of measurement result obtained	13-May	6-Jul	17-Aug	9-Sep	18-Nov	6-Jan	9-Mar					
Measurement result (ng-TEQ/m <sup>3</sup> N)	0.00034	0.00021	0.022	0.000085	0.0039	0.013	0.00033					
Concentrations of Soot												
Concentration of Sulfur Oxides												
Sampling position of the emission gas	Stack outlet											
Sampling date of the emission gas	14-Apr	2-Jun	13-Jul	12-Aug	18-Oct	1-Dec	9-Feb					
Date of measurement result obtained	13-May	6-Jul	17-Aug	9-Sep	18-Nov	6-Jan	9-Mar					
Measurement result (volppm)	<0.5	0.7	<0.5	<0.5	0.7	3.3	<0.5					
Concentration of Soot and Dust												
Sampling position of the emission gas	Stack outlet											
Sampling date of the emission gas	14-Apr	2-Jun	13-Jul	12-Aug	18-Oct	1-Dec	9-Feb					
Date of measurement result obtained	13-May	6-Jul	17-Aug	9-Sep	18-Nov	6-Jan	9-Mar					
Measurement result (g/m <sup>3</sup> N)	0.001	0.001	0.006	<0.001	0.001	0.003	0.009					
Concentration of Hydrogen Chloride												
Sampling position of the emission gas	Stack outlet											
Sampling date of the emission gas	14-Apr	2-Jun	13-Jul	12-Aug	18-Oct	1-Dec	9-Feb					
Date of measurement result obtained	13-May	6-Jul	17-Aug	9-Sep	18-Nov	6-Jan	9-Mar					
Measurement result (mg/m <sup>3</sup> N)	1.3	0.6	0.6	<0.5	0.6	0.5	0.6					
Concentration of Nitrogen Oxides												
Sampling position of the emission gas	Stack outlet											
Sampling date of the emission gas	14-Apr	2-Jun	13-Jul	12-Aug	18-Oct	1-Dec	9-Feb					
Date of measurement result obtained	13-May	6-Jul	17-Aug	9-Sep	18-Nov	6-Jan	9-Mar					
Measurement result (volppm)	99	93	70	74	87	81	100					

[No.8 Incinerator]

Concentrations of Dioxins												
Sampling position of the emission gas	Stack outlet											
Sampling date of the emission gas	6-Apr	9-Jun	20-Jul	15-Sep	13-Oct	8-Dec	-					
Date of measurement result obtained	9-May	8-Jul	19-Aug	14-Oct	15-Nov	12-Jan	-					
Measurement result (ng-TEQ/m <sup>3</sup> N)	0.0002	0.0016	0.0029	0.0002	0.0002	0.0096	-					
Concentrations of Soot												
Concentration of Sulfur Oxides												
Sampling position of the emission gas	Stack outlet											
Sampling date of the emission gas	6-Apr	9-Jun	20-Jul	15-Sep	13-Oct	8-Dec	2-Feb					
Date of measurement result obtained	9-May	8-Jul	19-Aug	14-Oct	15-Nov	12-Jan	2-Mar					
Measurement result (volppm)	<0.5	<0.5	<0.5	<0.5	<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	6-Apr	9-Jun	20-Jul	15-Sep	13-Oct	8-Dec	2-Feb					
Date of measurement result obtained	9-May	8-Jul	19-Aug	14-Oct	15-Nov	12-Jan	2-Mar					
Measurement result (g/m <sup>3</sup> N)	0.003	0.001	0.006	0.002	0.001	0.003	0.005					
Concentration of Hydrogen Chloride												
Sampling position of the emission gas	Stack outlet											
Sampling date of the emission gas	6-Apr	9-Jun	20-Jul	15-Sep	13-Oct	8-Dec	2-Feb					
Date of measurement result obtained	9-May	8-Jul	19-Aug	14-Oct	15-Nov	12-Jan	2-Mar					
Measurement result (mg/m <sup>3</sup> N)	<0.5	<0.5	0.8	<0.5	<0.5	<0.5	<0.5					
Concentration of Nitrogen Oxides												
Sampling position of the emission gas	Stack outlet											
Sampling date of the emission gas	6-Apr	9-Jun	20-Jul	15-Sep	13-Oct	8-Dec	2-Feb					
Date of measurement result obtained	9-May	8-Jul	19-Aug	14-Oct	15-Nov	12-Jan	2-Mar					
Measurement result (volppm)	62	49	59	63	68	55	64					