

Measurement Result of Emission Gas and Date of Removal of soot and dust (FY2023)

[No.1 Incinerator]

	1st	2nd	3rd	4th	5th	6th	7th	8th
Concentrations of Dioxins								
Sampling position of the emission gas	Sampling port in the middle of the stack							
Sampling date of the emission gas	6-Jun							
Date of measurement result obtained	3-Jul							
Measurement result (ng-TEQ/m3N)	0.037							
Concentrations of Soot								
Concentration of Sulfur Oxides								
Sampling position of the emission gas	Sampling port in the middle of the stack							
Sampling date of the emission gas	28-Mar	14-Apr	6-Jun	9-Aug	17-Oct	15-Dec	11-Jan	5-Feb
Date of measurement result obtained	20-Apr	16-May	3-Jul	15-Sep	17-Nov	18-Jan	13-Feb	5-Mar
Measurement result (volppm)	12	8.7	25	16	21	26	5.2	28
Concentration of Soot and Dust								
Sampling position of the emission gas	Sampling port in the middle of the stack							
Sampling date of the emission gas	6-Jun	9-Aug	5-Feb					
Date of measurement result obtained	3-Jul	15-Sep	5-Mar					
Measurement result (g/m3N)	0.008	0.002	<0.001					
Concentration of Hydrogen Chloride								
Sampling position of the emission gas	Sampling port in the middle of the stack							
Sampling date of the emission gas	6-Jun	9-Aug	5-Feb					
Date of measurement result obtained	3-Jul	15-Sep	5-Mar					
Measurement result (mg/m3N)	22	50	28					
Concentration of Nitrogen Oxides								
Sampling position of the emission gas	Sampling port in the middle of the stack							
Sampling date of the emission gas	28-Mar	9-Aug	5-Feb					
Date of measurement result obtained	20-Apr	15-Sep	5-Mar					
Measurement result (ppm)	25	24	29					
Removal date of accumulated soot and dust from the cooling unit and emission gas treatment unit								
Date of removal of soot and dust	7/17~7/21							

Measurement Result of Emission Gas and Date of Removal of soot and dust (FY2023)

[No.2 Incinerator]

	1st	2nd	3rd	4th	5th	6th	7th	8th
Concentrations of Dioxins								
Sampling position of the emission gas	Sampling port in the middle of the stack							
Sampling date of the emission gas	10-Jul							
Date of measurement result obtained	4-Aug							
Measurement result (ng-TEQ/m3N)	0.022							
Concentrations of Soot								
Concentration of Sulfur Oxides								
Sampling position of the emission gas	Sampling port in the middle of the stack							
Sampling date of the emission gas	13-Apr	6-Jun	10-Jul	9-Aug	17-Oct	15-Dec		
Date of measurement result obtained	16-May	3-Jul	4-Aug	15-Sep	17-Nov	18-Jan		
Measurement result (volppm)	25.000	30	19	34	12	30		
Concentration of Soot and Dust								
Sampling position of the emission gas	Sampling port in the middle of the stack							
Sampling date of the emission gas	13-Apr	10-Jul	17-Oct					
Date of measurement result obtained	16-May	4-Aug	17-Nov					
Measurement result (g/m3N)	<0.001	<0.001	<0.001					
Concentration of Hydrogen Chloride								
Sampling position of the emission gas	Sampling port in the middle of the stack							
Sampling date of the emission gas	13-Apr	10-Jul	17-Oct					
Date of measurement result obtained	16-May	4-Aug	17-Nov					
Measurement result (mg/m3N)	11	27	17					
Concentration of Nitrogen Oxides								
Sampling position of the emission gas	Sampling port in the middle of the stack							
Sampling date of the emission gas	13-Apr	17-Oct						
Date of measurement result obtained	16-May	17-Nov						
Measurement result (ppm)	25	35						
Removal date of accumulated soot and dust from the cooling unit and emission gas treatment unit								
Date of removal of soot and dust	4/21~4/29							

Measurement Result of Emission Gas and Date of Removal of soot and dust (FY2023)

[No.3 Incinerator]

	1st	2nd	3rd	4th	5th	6th	7th	8th
Concentrations of Dioxins								
Sampling position of the emission gas	Sampling port in the middle of the stack							
Sampling date of the emission gas	11-Jan							
Date of measurement result obtained	13-Feb							
Measurement result (ng-TEQ/m3N)	0.027							
Concentrations of Soot								
Concentration of Sulfur Oxides								
Sampling position of the emission gas	Sampling port in the middle of the stack							
Sampling date of the emission gas	25-May	10-Jul	17-Nov	11-Jan	5-Feb			
Date of measurement result obtained	27-Jun	4-Aug	22-Dec	13-Feb	5-Mar			
Measurement result (volppm)	1.6	42	16	18	5.5			
Concentration of Soot and Dust								
Sampling position of the emission gas	Sampling port in the middle of the stack							
Sampling date of the emission gas	25-May	17-Nov	11-Jan					
Date of measurement result obtained	27-Jun	22-Dec	13-Feb					
Measurement result (g/m3N)	<0.001	<0.001	<0.001					
Concentration of Hydrogen Chloride								
Sampling position of the emission gas	Sampling port in the middle of the stack							
Sampling date of the emission gas	25-May	17-Nov	11-Jan					
Date of measurement result obtained	27-Jun	22-Dec	13-Feb					
Measurement result (mg/m3N)	5.8	38	8.8					
Concentration of Nitrogen Oxides								
Sampling position of the emission gas	Sampling port in the middle of the stack							
Sampling date of the emission gas	25-May	17-Nov						
Date of measurement result obtained	27-Jun	22-Dec						
Measurement result (ppm)	27	42						
Removal date of accumulated soot and dust from the cooling unit and emission gas treatment unit								
Date of removal of soot and dust	6/5~6/10							