FY2025 Exhaust gas analysis results of carbonizing equipment and power generation facilities

【Regulation value】

Items	Carbonizing equipment	Power generation facilities
Dust	≦0.08g/m^3N	≦0.04g/m^3N
Sulfur oxides	≦8.76（K value）	≦8.76（K value）
Nitrogen oxides	250 ppm	200 ppm
Hydrogen chloride	700mg/m^3N	-
Dioxins	1 ng-TEQ/m^3N	-
Dioxins(dust)	3 ng-TEQ/ g -dry	-
Mercury	50 μg/m^3N	-

【Measurement value】Carbonizing equipment

Sampling date	May-25	Aug-25	Nov-25	Jan-26
System classification	No. 1 system	No. 2 system	No. 1 system	No. 2 system
Dust (g/m3N)	0.005	0.025	-	-
Sulfur oxides (K value)	1.3	1.8	-	-
Nitrogen oxides (ppm)	110	55	95	89
Hydrogen chloride (g/m3N)	9.7	11.0	21	2.7
Dioxins (ng-TEQ/m3N)	0.00000065	0.00000054	-	-
Dioxins (dust) (ng-TEQ/ g -dry)	0	0	-	-
Mercury (μg/m3N)	15	21	13	4.7

【Measurement value】 Power generation facilities

Sampling date	May-25	Nov-25
Dust (g/m3N)	<0.004	-
Sulfur oxides (K value)	<0.03	-
Nitrogen oxides (ppm)	190	50