FY2022 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-22	Aug-22	Nov-22	Feb-23
System classification	No. 1 system	No. 2 system	No. 1 system	No. 2 system
Dust (g/m3N)	<0.004	< 0.003	-	-
Sulfur oxides (K value)	1.6	1.9	-	-
Nitrogen oxides (ppm)	100	46	95	84
Hydrogen chloride (g/m3N)	15	8.9	24	2.0
Dioxins (ng-TEQ/m3N)	0	0.0000053	-	-
Dioxins (dust) (ng-TEQ/ g -dry)	0.0016	0.0012	-	-
Mercury (μg/m3N)	17	17	15	6.9

【Measurement value】 Power generation facilities

Sampling date	May-22	Nov-22
Dust (g/m3N)	<0.004	-
Sulfur oxides (K value)	<0.03	-
Nitrogen oxides (ppm)	150	95