

FY2017 Exhaust gas analysis results of carbonizing equipment and power generation facilities

【Regulation value】

Items	Carbonizing equipment	Power generation facilities
Dust	$\leq 0.08\text{g/m}^3\text{N}$	$\leq 0.04\text{g/m}^3\text{N}$
Sulfur oxides	≤ 8.76 (K value)	≤ 8.76 (K value)
Nitrogen oxides	250 ppm	200 ppm
Hydrogen chloride	$700\text{mg/m}^3\text{N}$	-
Dioxins	$1\text{ ng-TEQ/m}^3\text{N}$	-
Dioxins(dust)	3 ng-TEQ/g-dry	-
Mercury	$50\text{ }\mu\text{g/m}^3\text{N}$	-

【Measurement value】 Carbonizing equipment

Sampling date	Nov-17	Jan-18	Mar-18	
System classification	No. 1 system	No. 2 system	No. 1 system	
Dust (g/m ³ N)	-	<0.004	-	
Sulfur oxides (K value)	0.84	1.2	1.0	
Nitrogen oxides (ppm)	-	52	-	
Hydrogen chloride (g/m ³ N)	-	<2	-	
Dioxins (ng-TEQ/m ³ N)	-	0.0086	-	
Mercury ($\mu\text{g/m}^3\text{N}$)	-	15	-	

【Measurement value】 Power generation facilities

Sampling date	Nov-17	Jan-18	Mar-18	
Dust (g/m ³ N)	-	<0.004	-	
Sulfur oxides (K value)	<0.03	<0.03	<0.03	
Nitrogen oxides (ppm)	-	180	-	