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Testing   Report

Applicant	Zhengzhou Dayu Machinery Co.,Ltd.		
Project Name	Zhengzhou Dayu Machinery Co.,Ltd.		
Checked Address	Guan du town Zhong mou county He nan Province		
Sampling date	2014.04.24	Test Date	2014.04.24~2014.04.25
Name of exhaust stack	Exhaust funnel of coal burner asphalt mixing plant	Height of exhaust stack（m）	10
Fuel	Coal	Excess air ratio（α'）	2.9
Oxygen content（%）	13.7	Fume average flow rate（m/s）	7.9
Fume temperature（℃）	67	Standard state dry flue gas flow（m³/h）	2.85×10^4
Sampling site	After purification	Made by	Zhengzhou Dayu Machinery Co.,Ltd.
Boiler name&Boiler model	BD960B	Purification method	Baghouse dust filter
Test Method	Determination of particulates and sampling methods of gaseous pollutants emitted from exhaust gas of stationary source GB/T 16157-1996 Determination of sulphur dioxide form exhausted gas of stationary source Fixed-potential electrolysis method HJ/T 57-2000 Determination of nitrogen oxide- Fixed-potential electrolysis method *Monitoring and analysis method for air and waste gas (The Fourth Edition Supplement)*5.4.2 Hydrogen sulfide methylene blue spectrophotometry *Monitoring and analysis method for air and waste gas (The Fourth Edition Supplement)*5.4.10 Carbon monoxide constant potential electrolysis method *Monitoring and analysis method for air and waste gas (the fourth edition supplement edition)* 5.2.6.1 Lindeman Black Grade Smoke measuring telescope method *Monitoring and analysis method for air and waste gas (the fourth edition supplement edition)* 5.3.3.2		
Apparatus	Automatic flue gas instrument, UV, Smoke measuring telescope etc.		

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Test Items	Test Result	
	Measured emission (mg/m^3)	Measured emission quantity (kg/h)
Smoke and dust	15.0	0.428
SO_2	131	3.73
Nitrogen oxides	90	2.56
H_2S	0.031	8.84×10^{-4}
CO	633	18.0
Lindeman Black	<1（Lindeman Black, grade）	

End of report

Compiled by: Checked by: Approved for issue:

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