



Pony Testing International Group

Testing Report

Report ID: I04251000906D

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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 (°C)	67	Standard state dry flue gas flow (m ³ /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	<p>Determination of particulates and sampling methods of gaseous pollutants emitted from exhaust gas of stationary source GB/T 16157-1996</p> <p>Determination of sulphur dioxide form exhausted gas of stationary source Fixed-potential electrolysis method HJ/T 57-2000</p> <p>Determination of nitrogen oxide- Fixed-potential electrolysis method <i>Monitoring and analysis method for air and waste gas</i> (The Fourth Edition Supplement)5.4.2</p> <p>Hydrogen sulfide methylene blue spectrophotometry <i>Monitoring and analysis method for air and waste gas</i> (The Fourth Edition Supplement)5.4.10</p> <p>Carbon monoxide constant potential electrolysis method <i>Monitoring and analysis method for air and waste gas</i> (the fourth edition supplement edition) 5.2.6.1</p> <p>Lindeman Black Grade Smoke measuring telescope method <i>Monitoring and analysis method for air and waste gas</i> (the fourth edition supplement edition) 5.3.3.2</p>		
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 ₂ S	0.031	8.84×10 ⁻⁴
CO	633	18.0
Lindeman Black	<1 (Lindeman Black, grade)	

End of report

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