

## TEST REPORT

## CLIENT DETAILS

Contact Tina Lu  
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Telephone 86 - 17760771968  
Facsimile -  
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Order Number -  
Samples Waste gas(2)  
Project -

## LABORATORY DETAILS

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Laboratory Environment Laboratory  
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Report Number QDE23-50244 R1  
SGS Reference 0000030288  
Date Reported 2023/07/17  
Analysis Date 2023/07/01 - 2023/07/17

## COMMENTS

1. The results apply to the sample(s) as sampled.
2. Sampling address:1123 Kexue Avenue, Shangjie District, Zhengzhou, Henan.
3. \*Test items were carried out by SGS-CSTC Standards Technical Services(Shanghai) Co.Ltd, the report number is SHE23-33747.
4. The report is used only for customers of scientific research, teaching, internal quality control, product research and development purposes, no proof social role.
5. The report is translated from QDE23-50244 R0.

## SIGNATORIES

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The sample type, sample name, sample description, project name and other information of the submitted samples are provided by the client. The representativeness and authenticity of the samples are in the charge of the client.

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Should you have any queries or objection to the test report, please contact us within 10 days after receiving the report.

### 符号表/Legend

"-" 未测试该参数或不适用/The parameter is not tested or not applicable

↑ 提高检出限/Detection limit raised

↓ 降低检出限/Detection limit lowered

ND 未检出/Not Detected



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		Sample Number		23-50244.001	23-50244.002
		Test Object		Flue emission	Flue emission
		Sample Description		-	-
Parameter	Method	Units	MDL	Testing Results	
Sampling location	-	-	-	exhaust gas after treatment	exhaust gas after dust collector
Sampling Date	-	-	-	2023/07/01	2023/07/01
Sampling time(PM2.5/PM10/HF/formaldehyde)	-	-	-	13:45-14:45	15:26-16:26
Sampling time(other)	-	-	-	12:12-13:12	-
Sec.ar.	-	m <sup>2</sup>	-	0.283	0.283
Moisture Content(PM2.5/PM10/HF/formaldehyde)	-	%	-	7.2	5.9
Moisture Content(other)	-	%	-	7.2	-
Dry Standard Flowrate(PM2.5/PM10/HF/formaldehyde)	-	m <sup>3</sup> /h	-	7.07 X 10 <sup>3</sup>	7.40 X 10 <sup>3</sup>
Dry Standard Flowrate(other)	-	m <sup>3</sup> /h	-	5.94 X 10 <sup>3</sup>	-
Exhaust Height	-	m	-	6.0	1.4
Gas Temp#	GB/T 16157	°C	-	50.7	42.5
Gas Temp(other)	GB/T 16157	°C	-	48.6	-
Stack gas velocity#	GB/T 16157	m/s	-	9.1	9.2
Stack gas velocity(other)	GB/T 16157	m/s	-	7.6	-
Static Pressure#	GB/T 16157	kPa	-	-0.05	-0.02
Static Pressure(other)	GB/T 16157	kPa	-	-0.06	-
Average Dynamic Pressure#	GB/T 16157	Pa	-	65	-
Average Dynamic Pressure(other)	GB/T 16157	Pa	-	45	-
Average Total Pressure#	GB/T 16157	kPa	0.01	0	-
Average Total Pressure(other)	GB/T 16157	kPa	0.01	-0.03	-
Sulphur dioxide (Emission conc.)	HJ 57	mg/m <sup>3</sup>	3	59	-
Hydrogen fluoride (Emission conc.)	HJ 688	mg/m <sup>3</sup>	0.08	0.22	-
Formaldehyde (Emission conc.)	GB/T 15516	mg/m <sup>3</sup>	0.5	1.3	-
PM2.5(Emission conc.)*	ISO 23210	mg/m <sup>3</sup>	0.1	1.3	1.4
PM10(Emission conc.)*	ISO 23210	mg/m <sup>3</sup>	0.1	1.6	1.7
Total fluoride (Emission conc.)	SEPA 2003	mg/m <sup>3</sup>	0.06	<0.06	-

## Remarks:

1. The height of the exhaust funnel is provided by the customer.
2. The symbol # represents PM2.5/PM10/hydrogen fluoride and formaldehyde projects.



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## Method List

GB/T 16157-1996 Examination of particulate matter and air pollution sampling method  
HJ 57-2017 Stationary source emission-Determination of sulfur dioxide-Fixed potential by electrolysis method  
HJ 688-2019 Stationary source emission-Determination of hydrogen fluoride-Ion chromatography  
GB/T 15516-1995 Air quality-Determination of formaldehyde-Acetylacetone spectrophotometric method  
ISO 23210-2009 Stationary source emissions—Determination of PM10&PM2.5 mass concentration in flue gas  
SEPA 2003 Analytical Method for Monitoring of Ambient Air and Exhausted Air(4th ed.,SEPA,China,2003)5.4.5(1)



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## Method:GB/T 16157-1996

Equipment Name	Model	Equipment Number	Serial Number
Flue Gas Meter Sampling Pump	ZR3710	EHS3415-1	37108037281
Particulate matter and gas tester	ZR-3260D ( A )	EHS3424-4	3260DA20114421
Flue Gas Meter Sampling Pump	ZR-3714	EHS3430-2	371419090088

## Method:HJ 57-2017

Equipment Name	Model	Equipment Number	Serial Number
Particulate matter and gas tester	ZR-3260D ( A )	EHS3424-4	3260DA20114421

## Method:HJ 688-2019

Equipment Name	Model	Equipment Number	Serial Number
IC	Integriion	QDCH-E573	20123039

## Method:GB/T 15516-1995

Equipment Name	Model	Equipment Number	Serial Number
UV	TU-1950	QDCH-E641	30-1950-01-0172

## Method:SEPA 2003

Equipment Name	Model	Equipment Number	Serial Number
Ion meter	PXSJ-216F	QDCH-E533	621417N120030050

\*\*\* End of Report \*\*\*



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