

TEST REPORT

CLIENT DETAILS

Contact Lanying Tong
 Client Jinan Hengyu Environmental Protection Technology Co., Ltd
 Address 9889 Haitang Road, Changqing District, Jinan City, Shandong Province
 Telephone
 Facsimile -
 Email -
 Order Number -
 Samples Waste gas(3)
 Project -

LABORATORY DETAILS

Manager SGS-CSTC
 Laboratory Environment Laboratory
 Address SGS Center, No. 143, Zhuzhou Road, Laoshan District, Qingdao, China (P.C. 266101)
 Telephone +86 (532) 6899 9168
 Facsimile +86 (532) 80991955
 Email Amy.Yan@sgs.com
 Report Number QDE23-02895 R1
 SGS Reference 0000032754
 Date Reported 2024/01/16
 Analysis Date 2023/12/07 - 2023/12/22

COMMENTS

1. The results apply to the sample(s) as sampled.
- 2.
3. * The project is not within the scope of CNAS qualification certification in this laboratory.
4. The report is translated from QDE23-02895 R0 .

SIGNATORIES

John Ji

Reported by

Candy Jiang

Reviewed by

Devin Bi

Report Approved by



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

声明 Statement

1. 检测报告无本实验室检验检测专用章无效。
The test report is invalid without the official seal of the laboratory.
2. 未经本公司书面许可，不得复制(全文复制除外)检测报告。
This test report cannot be reproduced in any way, except in full content, without prior approval in writing by the laboratory.
3. 检测报告无编制、审核、批准人签字无效。
The test report is invalid without the signature of the compiler, the checker and the approver
4. 检测报告涂改无效。
The test report is invalid if altered.
5. 本检测报告以中文为准，英文文本(如有)仅为译文，两者发生冲突时，应以中文文本为准。
The test report has been drafted in Chinese and translated into English (if applicable) for convenience only. In the event of discrepancy, the Chinese version shall prevail.
6. 送检样品的样品类型、样品名称、样品描述、项目名称等信息由客户提供，样品的代表性和真实性由委托人负责。
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.
7. 如未加盖CMA章则仅供内部参考，不具有对社会的证明作用。
The report is for internal reference only if it is not stamped with CMA mark, it has no proof function to the society.
8. 如对本检测报告有异议，请在收到报告10天之内与本公司联系。
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



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS Center, No.143, Zhuzhou Road, Laoshan District, Qingdao, Shandong, China 266101
中国·山东·青岛市崂山区株洲路143号通标中心 邮编: 266101

t (86-532) 68999888 www.sgs.com.cn
t (86-532) 68999888 sgs.china@sgs.com

Sample Number 23-02895.001
 Test Object Flue emission
 Sample Description -

| Parameter | Method | Units | MDL | Testing Results |
|--|------------|-------------------|-------------------------|------------------------|
| Sampling location | - | - | - | Purified exhaust pipe |
| Sampling Date | - | - | - | 2023/12/07 |
| Sampling time(Hg) | - | - | - | 10:08-10:28 |
| Sampling time(Particulate matter) | - | - | - | 14:35-15:35 |
| Sampling time(SO ₂ /NO _x /CO/O ₂ /CO ₂) | - | - | - | 11:40-12:40 |
| Sampling time(Other) | - | - | - | 10:08-11:08 |
| Sec.ar. | - | m ² | - | 0.181 |
| Moisture Content(Particulate matter) | - | % | - | 13.6 |
| Moisture Content(SO ₂ /NO _x /CO/O ₂ /CO ₂) | - | % | - | 13.1 |
| Moisture Content(Other) | - | % | - | 12.8 |
| Dry Standard Flowrate(Particulate matter) | - | m ³ /h | - | 9.93 X 10 ³ |
| Dry Standard Flowrate(SO ₂ /NO _x /CO/O ₂ /CO ₂) | - | m ³ /h | - | 8.12 X 10 ³ |
| Dry Standard Flowrate(Other) | - | m ³ /h | - | 1.09 X 10 ⁴ |
| Exhaust Height | - | m | - | 35 |
| Gas Temp(Particulate matter) | GB/T 16157 | °C | - | 62.4 |
| Gas Temp(SO ₂ /NO _x /CO/O ₂ /CO ₂) | GB/T 16157 | °C | - | 62.3 |
| Gas Temp(Other) | GB/T 16157 | °C | - | 57.8 |
| Stack gas velocity(Particulate matter) | GB/T 16157 | m/s | - | 22.3 |
| Stack gas velocity(Parameter1)# | GB/T 16157 | m/s | - | 18.1 |
| Stack gas velocity(Other) | GB/T 16157 | m/s | - | 23.9 |
| Static Pressure(Particulate matter) | GB/T 16157 | kPa | - | 0.02 |
| Static Pressure(SO ₂ /NO _x /CO/O ₂ /CO ₂) | GB/T 16157 | kPa | - | 0.02 |
| Static Pressure(Other) | GB/T 16157 | kPa | - | 0.03 |
| Particulate matter (Emission conc.) | HJ 836 | mg/m ³ | 1.0 | <1.0 |
| Particulate matter (Emission rate) | HJ 836 | kg/h | - | <0.010 |
| Cadmium (Emission conc.) | HJ 657 | mg/m ³ | 8.00 X 10 ⁻⁶ | 1.16×10 ⁻⁵ |
| Cadmium (Emission rate) | HJ 657 | kg/h | - | 1.27×10 ⁻⁷ |
| Cobalt (Emission conc.) | HJ 657 | mg/m ³ | 8.00 X 10 ⁻⁶ | 3.74×10 ⁻⁴ |
| Cobalt (Emission rate) | HJ 657 | kg/h | - | 4.08×10 ⁻⁶ |
| Chromium (Emission conc.) | HJ 657 | mg/m ³ | 0.0003 | 0.0331 |
| Chromium (Emission rate) | HJ 657 | kg/h | - | 3.62×10 ⁻⁴ |
| Thallium (Emission conc.) | HJ 657 | mg/m ³ | 8.00 X 10 ⁻⁶ | <8.00×10 ⁻⁶ |
| Thallium (Emission rate) | HJ 657 | kg/h | - | <8.74×10 ⁻⁸ |
| Vanadium (Emission conc.) | HJ 657 | mg/m ³ | 3.00 X 10 ⁻⁵ | 2.26×10 ⁻⁴ |
| Vanadium (Emission rate) | HJ 657 | kg/h | - | 2.47×10 ⁻⁶ |
| Copper (Emission conc.) | HJ 657 | mg/m ³ | 0.0002 | 1.48×10 ⁻³ |
| Copper (Emission rate) | HJ 657 | kg/h | - | 1.62×10 ⁻⁵ |



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

Sample Number 23-02895.001
 Test Object Flue emission
 Sample Description -

| Parameter | Method | Units | MDL | Testing Results |
|------------------------------------|--------|-------------------|-------------------------|------------------------|
| Manganese (Emission conc.) | HJ 657 | mg/m ³ | 7.00 X 10 ⁻⁵ | 2.67×10 ⁻³ |
| Manganese (Emission rate) | HJ 657 | kg/h | - | 2.91×10 ⁻⁵ |
| Antimony (Emission conc.) | HJ 657 | mg/m ³ | 2.00 X 10 ⁻⁵ | 2.27×10 ⁻⁵ |
| Antimony (Emission rate) | HJ 657 | kg/h | - | 2.48×10 ⁻⁷ |
| Arsenic (Emission conc.) | HJ 657 | mg/m ³ | 0.0002 | <2.00×10 ⁻⁴ |
| Arsenic (Emission rate) | HJ 657 | kg/h | - | <2.18×10 ⁻⁶ |
| Lead (Emission conc.) | HJ 657 | mg/m ³ | 0.0002 | 7.79×10 ⁻⁴ |
| Lead (Emission rate) | HJ 657 | kg/h | - | 8.51×10 ⁻⁶ |
| Nickel (Emission conc.) | HJ 657 | mg/m ³ | 0.0001 | 0.0176 |
| Nickel (Emission rate) | HJ 657 | kg/h | - | 1.92×10 ⁻⁴ |
| Mercury(Emission conc.) | HJ 543 | mg/m ³ | 0.005 | <0.005 |
| Mercury(Emission rate) | HJ 543 | kg/h | - | <5.46×10 ⁻⁵ |
| VOCs(as NMHC)(Emission conc.)* | HJ 38 | mg/m ³ | 0.07 | 0.62 |
| VOCs(as NMHC)(Emission rate.)* | HJ 38 | kg/h | - | 6.75×10 ⁻³ |
| Chlorine hydride (Emission conc.) | HJ 549 | mg/m ³ | 0.20 | 0.62 |
| Chlorine hydride (Emission rate) | HJ 549 | kg/h | - | 0.007 |
| Hydrogen fluoride (Emission conc.) | HJ 688 | mg/m ³ | 0.08 | <0.08 |
| Hydrogen fluoride (Emission rate) | HJ 688 | kg/h | - | <8.74×10 ⁻⁴ |
| Nitrogen oxides (Emission conc.) | HJ 693 | mg/m ³ | 3 | 22 |
| Nitrogen oxides (Emission rate) | HJ 693 | kg/h | - | 0.180 |
| Sulphur dioxide (Emission conc.) | HJ 57 | mg/m ³ | 3 | <3 |
| Sulphur dioxide (Emission rate) | HJ 57 | kg/h | - | <0.0244 |
| CO (Emission conc.) | HJ 973 | mg/m ³ | 3 | <3 |
| CO (Emission rate) | HJ 973 | kg/h | - | <0.0244 |
| CO ₂ (Emission conc.) | HJ 870 | % | 0.03 | 0.03 |
| CO ₂ (Emission conc.) | HJ 870 | g/m ³ | 0.6 | 0.6 |
| CO ₂ (Emission rate) | HJ 870 | kg/h | - | 4.87 |



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS CSTC (Shandong) Technical Services Co., Ltd.

SGS Center, No.143, Zhuzhou Road, Laoshan District, Qingdao, Shandong, China 266101
 中国·山东·青岛市崂山区株洲路143号通标中心 邮编: 266101

t (86-532) 68999888 www.sgsgroup.com.cn
 t (86-532) 68999888 sgs.china@sgs.com

Sample Number 23-02895.002
 Test Object Flue emission
 Sample Description -

| Parameter | Method | Units | MDL | Testing Results |
|----------------------------|------------|-------------------|-------------------------|------------------------|
| Sampling location | - | - | - | Purified exhaust pipe |
| Sampling Date | - | - | - | 2023/12/07 |
| Sampling time(Hg) | - | - | - | 11:40-12:00 |
| Sampling time(Other) | - | - | - | 11:40-12:40 |
| Sec.ar. | - | m ² | - | 0.181 |
| Moisture Content | - | % | - | 13.1 |
| Dry Standard Flowrate | - | m ³ /h | - | 8.12 X 10 ³ |
| Exhaust Height | - | m | - | 35 |
| Gas Temp | GB/T 16157 | °C | - | 62.3 |
| Stack gas velocity | GB/T 16157 | m/s | - | 18.1 |
| Static Pressure | GB/T 16157 | kPa | - | 0.02 |
| Cadmium (Emission conc.) | HJ 657 | mg/m ³ | 8.00 X 10 ⁻⁶ | 2.14×10 ⁻⁵ |
| Cadmium (Emission rate) | HJ 657 | kg/h | - | 1.74×10 ⁻⁷ |
| Cobalt (Emission conc.) | HJ 657 | mg/m ³ | 8.00 X 10 ⁻⁶ | 2.92×10 ⁻³ |
| Cobalt (Emission rate) | HJ 657 | kg/h | - | 2.37×10 ⁻⁵ |
| Chromium (Emission conc.) | HJ 657 | mg/m ³ | 0.0003 | 0.0555 |
| Chromium (Emission rate) | HJ 657 | kg/h | - | 4.51×10 ⁻⁴ |
| Thallium (Emission conc.) | HJ 657 | mg/m ³ | 8.00 X 10 ⁻⁶ | <8.00×10 ⁻⁶ |
| Thallium (Emission rate) | HJ 657 | kg/h | - | <6.50×10 ⁻⁸ |
| Vanadium (Emission conc.) | HJ 657 | mg/m ³ | 3.00 X 10 ⁻⁵ | 1.03×10 ⁻⁴ |
| Vanadium (Emission rate) | HJ 657 | kg/h | - | 8.34×10 ⁻⁷ |
| Copper (Emission conc.) | HJ 657 | mg/m ³ | 0.0002 | 1.45×10 ⁻³ |
| Copper (Emission rate) | HJ 657 | kg/h | - | 1.18×10 ⁻⁵ |
| Manganese (Emission conc.) | HJ 657 | mg/m ³ | 7.00 X 10 ⁻⁵ | 0.0110 |
| Manganese (Emission rate) | HJ 657 | kg/h | - | 8.95×10 ⁻⁵ |
| Antimony (Emission conc.) | HJ 657 | mg/m ³ | 2.00 X 10 ⁻⁵ | <2.00×10 ⁻⁵ |
| Antimony (Emission rate) | HJ 657 | kg/h | - | <1.62×10 ⁻⁷ |
| Arsenic (Emission conc.) | HJ 657 | mg/m ³ | 0.0002 | <2.00×10 ⁻⁴ |
| Arsenic (Emission rate) | HJ 657 | kg/h | - | <1.62×10 ⁻⁶ |
| Lead (Emission conc.) | HJ 657 | mg/m ³ | 0.0002 | <2.00×10 ⁻⁴ |
| Lead (Emission rate) | HJ 657 | kg/h | - | <1.62×10 ⁻⁶ |
| Nickel (Emission conc.) | HJ 657 | mg/m ³ | 0.0001 | 0.150 |
| Nickel (Emission rate) | HJ 657 | kg/h | - | 1.22×10 ⁻³ |
| Mercury(Emission conc.) | HJ 543 | mg/m ³ | 0.005 | <0.005 |
| Mercury(Emission rate) | HJ 543 | kg/h | - | <4.06×10 ⁻⁵ |



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC (Shanghai) Technical Services (Qingdao) Co., Ltd.

SGS Center, No.143, Zhuzhou Road, Laoshan District, Qingdao, Shandong, China 266101
 中国·山东·青岛市崂山区株洲路143号通标中心 邮编: 266101

t (86-532) 68999888 www.sgs.com.cn
 t (86-532) 68999888 sgs.china@sgs.com

Sample Number 23-02895.003
 Test Object Flue emission
 Sample Description -

| Parameter | Method | Units | MDL | Testing Results |
|----------------------------|------------|-------------------|-------------------------|------------------------|
| Sampling location | - | - | - | Purified exhaust pipe |
| Sampling Date | - | - | - | 2023/12/07 |
| Sampling time(Hg) | - | - | - | 12:59-13:19 |
| Sampling time(Other) | - | - | - | 12:59-13:59 |
| Sec.ar. | - | m ² | - | 0.181 |
| Moisture Content | - | % | - | 13.6 |
| Dry Standard Flowrate | - | m ³ /h | - | 8.38 X 10 ³ |
| Exhaust Height | - | m | - | 35 |
| Gas Temp | GB/T 16157 | °C | - | 62.2 |
| Stack gas velocity | GB/T 16157 | m/s | - | 18.8 |
| Static Pressure | GB/T 16157 | kPa | - | 0.03 |
| Cadmium (Emission conc.) | HJ 657 | mg/m ³ | 8.00 X 10 ⁻⁶ | <8.00×10 ⁻⁶ |
| Cadmium (Emission rate) | HJ 657 | kg/h | - | <6.70×10 ⁻⁸ |
| Cobalt (Emission conc.) | HJ 657 | mg/m ³ | 8.00 X 10 ⁻⁶ | 6.46×10 ⁻⁴ |
| Cobalt (Emission rate) | HJ 657 | kg/h | - | 5.41×10 ⁻⁶ |
| Chromium (Emission conc.) | HJ 657 | mg/m ³ | 0.0003 | 0.0830 |
| Chromium (Emission rate) | HJ 657 | kg/h | - | 6.96×10 ⁻⁴ |
| Thallium (Emission conc.) | HJ 657 | mg/m ³ | 8.00 X 10 ⁻⁶ | <8.00×10 ⁻⁶ |
| Thallium (Emission rate) | HJ 657 | kg/h | - | <6.70×10 ⁻⁸ |
| Vanadium (Emission conc.) | HJ 657 | mg/m ³ | 3.00 X 10 ⁻⁵ | 3.48×10 ⁻⁴ |
| Vanadium (Emission rate) | HJ 657 | kg/h | - | 2.91×10 ⁻⁶ |
| Copper (Emission conc.) | HJ 657 | mg/m ³ | 0.0002 | 8.95×10 ⁻⁴ |
| Copper (Emission rate) | HJ 657 | kg/h | - | 7.50×10 ⁻⁶ |
| Manganese (Emission conc.) | HJ 657 | mg/m ³ | 7.00 X 10 ⁻⁵ | 4.55×10 ⁻³ |
| Manganese (Emission rate) | HJ 657 | kg/h | - | 3.81×10 ⁻⁵ |
| Antimony (Emission conc.) | HJ 657 | mg/m ³ | 2.00 X 10 ⁻⁵ | <2.00×10 ⁻⁵ |
| Antimony (Emission rate) | HJ 657 | kg/h | - | <1.68×10 ⁻⁷ |
| Arsenic (Emission conc.) | HJ 657 | mg/m ³ | 0.0002 | <2.00×10 ⁻⁴ |
| Arsenic (Emission rate) | HJ 657 | kg/h | - | <1.68×10 ⁻⁶ |
| Lead (Emission conc.) | HJ 657 | mg/m ³ | 0.0002 | 2.46×10 ⁻⁴ |
| Lead (Emission rate) | HJ 657 | kg/h | - | 2.06×10 ⁻⁶ |
| Nickel (Emission conc.) | HJ 657 | mg/m ³ | 0.0001 | 0.0277 |
| Nickel (Emission rate) | HJ 657 | kg/h | - | 2.32×10 ⁻⁴ |
| Mercury(Emission conc.) | HJ 543 | mg/m ³ | 0.005 | <0.005 |
| Mercury(Emission rate) | HJ 543 | kg/h | - | <4.19×10 ⁻⁵ |



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC Shandong Technical Services (Qingdao) Co., Ltd.

SGS Center, No.143, Zhuzhou Road, Laoshan District, Qingdao, Shandong, China 266101
 中国·山东·青岛市崂山区株洲路143号通标中心 邮编: 266101

t (86-532) 68999888 www.sgs.com.cn
 t (86-532) 68999888 sgs.china@sgs.com

Remarks:

1. The height of the exhaust pipe is provided by the customer.
2. (Parameter1)# are SO₂/NO_x/CO/O₂/CO₂.



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC Standards Technical Services (Qingdao) Co., Ltd.

SGS Center, No.143, Zhuzhou Road, Laoshan District, Qingdao, Shandong, China 266101
中国·山东·青岛市崂山区株洲路143号通标中心 邮编: 266101

t (86-532) 68999888 www.sgs.com.cn
t (86-532) 68999888 sgs.china@sgs.com

Method List

- GB/T 16157-1996 Examination of particulate matter and air pollution sampling method
- HJ 836-2017 Determination of mass concentration of particulate matter at low concentration-Manual Gravimetric Method
- HJ 657-2013 Ambient air and stationary source emission-Determination of metals in ambient particulate matter
- HJ 543-2009 Stationary source emission. Determination of mercury. Cold atomic absorption spectrometry
- HJ 38-2017 Stationary source emission-Determination of total hydrocarbons, methane and nonmethane hydrocarbons
- HJ 549-2016 Ambient air and stationary source emissions-Determination of Hydrogen Chloride-Ion Chromatography
- HJ 688-2019 Stationary source emission-Determination of hydrogen fluoride-Ion chromatography
- HJ 693-2014 Stationary source emission-Determination of nitrogen oxides Fixed potential by electrolysis method
- HJ 57-2017 Stationary source emission-Determination of sulfur dioxide-Fixed potential by electrolysis method
- HJ 973-2018 Stationary source emission-Determination of carbon monoxide-Fixed potential by electrolysis method
- HJ 870-2017 Stationary source emission-Determination of carbon dioxide-Non-dispersive infrared absorption method



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC Standards Technical Services (Qingdao) Co., Ltd.

SGS Center, No.143, Zhuzhou Road, Laoshan District, Qingdao, Shandong, China 266101
中国·山东·青岛市崂山区株洲路143号通标中心 邮编: 266101

t (86-532) 68999888 www.sgsgroup.com.cn
t (86-532) 68999888 sgs.china@sgs.com

Method:GB/T 16157-1996

| Equipment Name | Model | Equipment Number | Serial Number |
|-----------------------------------|----------|------------------|---------------|
| Vacuum Box Air Bag Collector | 1L | EHS3407-1 | LK01 |
| Flue Gas Meter Sampling Pump | ZR3710 | EHS3415-1 | 37108037281 |
| Flue Gas Meter Sampling Pump | ZR3710 | EHS3415-2 | 37108037320 |
| Particulate matter and gas tester | ZR-3260D | EHS3424-2 | 3260D19058395 |

Method:HJ 836-2017

| Equipment Name | Model | Equipment Number | Serial Number |
|----------------|---------|------------------|---------------|
| Balance | ME55/02 | QDCH-E644 | C202355616 |

Method:HJ 657-2013

| Equipment Name | Model | Equipment Number | Serial Number |
|----------------|---------------------|------------------|---------------|
| ICP-MS | Agilent 7900 G8403A | QDCH-E334 | JP15421108 |

Method:HJ 543-2009

| Equipment Name | Model | Equipment Number | Serial Number |
|----------------|-----------|------------------|---------------|
| CFAAS | CFAA240FS | QDCH-E125 | AA1008M046 |

Method:HJ 38-2017

| Equipment Name | Model | Equipment Number | Serial Number |
|----------------|--------|------------------|---------------|
| GC | GC2002 | QDCH-E412 | 180718 |

Method:HJ 549-2016

| Equipment Name | Model | Equipment Number | Serial Number |
|----------------|-----------|------------------|---------------|
| IC | Integrion | QDCH-E573 | 20123039 |

Method:HJ 688-2019

| Equipment Name | Model | Equipment Number | Serial Number |
|----------------|-----------|------------------|---------------|
| IC | Integrion | QDCH-E573 | 20123039 |

Method:HJ 693-2014

| Equipment Name | Model | Equipment Number | Serial Number |
|-----------------------------------|----------|------------------|---------------|
| Particulate matter and gas tester | ZR-3260D | EHS3424-2 | 3260D19058395 |

Method:HJ 57-2017

| Equipment Name | Model | Equipment Number | Serial Number |
|-----------------------------------|----------|------------------|---------------|
| Particulate matter and gas tester | ZR-3260D | EHS3424-2 | 3260D19058395 |

Method:HJ 973-2018

| Equipment Name | Model | Equipment Number | Serial Number |
|-----------------------------------|----------|------------------|---------------|
| Particulate matter and gas tester | ZR-3260D | EHS3424-2 | 3260D19058395 |

Method:HJ 870-2017

| Equipment Name | Model | Equipment Number | Serial Number |
|-----------------------------------|----------|------------------|---------------|
| Particulate matter and gas tester | ZR-3260D | EHS3424-2 | 3260D19058395 |

*** End of Report ***



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC (Shandong) Technical Services Co., Ltd.

SGS Center, No.143, Zhuzhou Road, Laoshan District, Qingdao, Shandong, China 266101
中国·山东·青岛市崂山区株洲路143号通标中心 邮编: 266101

t (86-532) 68999888 www.sgsgroup.com.cn
t (86-532) 68999888 sgs.china@sgs.com