

## 检测报告

### 客户信息

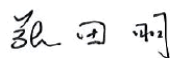
### 实验室信息

联系人	姚建开	管理者	SGS-CSTC
客户	天津绿色动力再生能源有限公司	实验室	环境实验室
地址	中国天津市蓟州区别山镇西九户村东北1000米	地址	中国 天津 经济技术开发区第五大街41号SGS大厦 (邮编300457)
电话	-	电话	(86-22) 65288272
传真	-	传真	(86-22) 25293826
Email	865566424@qq.com	Email	Tianjin.env@sgs.com
订单号	-	报告编号	TJE20-00783 R0
样品	废气(6)	SGS编号	000016003
项目	-	报告日期	2020/06/23

### 备注

1.结果适用于采样样品。

### 报告批准人



张田明  
报告编制



孙莹  
审核



窦铭超  
批准人



SGS-CSTC (China) Technical Services (Tianjin) Co., Ltd.  
Environment Laboratory

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 <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. 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. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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 Mansion, No.41, The 5th Avenue TEDA, Tianjin, China 300457 t (86-22) 6528 8272 f (86-22) 2529 3826 www.sgsgroup.com.cn  
中国·天津市经济技术开发区第五大街41号SGS大厦 邮编: 300457 t (86-22) 6528 8272 f (86-22) 2529 3826 e sgs.china@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. 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

NA 样品未测试该参数/The sample was not analysed for this analyte

↑ 提高检出限/Detection limit raised

↓ 降低检出限/Detection limit lowered

ND 未检出/Not Detected



SGS-CSTC Standards Technical Services (Tianjin) Co., Ltd.  
Environment Laboratory

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 <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. 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. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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](mailto:CN.Doccheck@sgs.com)

SGS Mansion, No.41, The 5th Avenue TEDA, Tianjin, China 300457 t (86-22) 6528 8272 f (86-22) 2529 3826 www.sgsgroup.com.cn  
中国·天津市经济技术开发区第五大街41号SGS大厦 邮编: 300457 t (86-22) 6528 8272 f (86-22) 2529 3826 e [sgs.china@sgs.com](mailto:sgs.china@sgs.com)

分析指标	方法	单位	检出限	限值	实验室编号	20-00783.001	20-00783.002	20-00783.003
					检测类别	有组织	有组织	有组织
					样品描述	-	-	-
					采样日期	2020/06/15	2020/06/15	2020/06/15
采样位置	-	-	-	-	焚烧炉1#废气排口	焚烧炉1#废气排口	焚烧炉1#废气排口	焚烧炉1#废气排口
采样时间 (金属/汞/氯化氢)	-	-	-	-	10:21-11:21	11:40-12:40	12:57-13:57	
采样时间 (低浓度颗粒物/二氧化硫/氮氧化物/一氧化碳)	-	-	-	-	14:04-15:04	15:14-16:14	16:19-17:19	
烟道截面积	-	m <sup>2</sup>	-	-	2.0106	2.0106	2.0106	
排气筒高度	-	m	-	-	80	80	80	
烟温	GB/T 16157	°C	-	-	154	157	156	
烟气流速	GB/T 16157	m/s	-	-	18.3	17.5	18.1	
含湿量	GB/T 16157	%	-	-	18.6	18.7	18.3	
标干气量	GB/T 16157	m <sup>3</sup> /h	-	-	6.79 X 10 <sup>4</sup>	6.45 X 10 <sup>4</sup>	6.70 X 10 <sup>4</sup>	
静压	GB/T 16157	kPa	-	-	-0.11	-0.11	-0.11	
氧含量	SEPA 2003	%	-	-	9.3	9.9	10.1	
铬 (排放浓度)	HJ 657	mg/m <sup>3</sup>	0.000150	-	<b>0.00659</b>	<b>0.00414</b>	<b>0.00614</b>	
铬 (折算浓度)	HJ 657	mg/m <sup>3</sup>	-	-	5.60×10 <sup>-3</sup>	3.56×10 <sup>-3</sup>	5.16×10 <sup>-3</sup>	
铬 (排放速率)	HJ 657	kg/h	-	-	4.63×10 <sup>-4</sup>	2.71×10 <sup>-4</sup>	4.14×10 <sup>-4</sup>	
铊 (排放浓度)	HJ 657	mg/m <sup>3</sup>	5.00 X 10 <sup>-6</sup>	-	<0.00000500	<0.00000500	<0.00000500	
铊 (折算浓度)	HJ 657	mg/m <sup>3</sup>	-	-	<4.25×10 <sup>-6</sup>	<4.30×10 <sup>-6</sup>	<4.20×10 <sup>-6</sup>	
铊 (排放速率)	HJ 657	kg/h	-	-	<3.51×10 <sup>-7</sup>	<3.28×10 <sup>-7</sup>	<3.37×10 <sup>-7</sup>	
铜 (排放浓度)	HJ 657	mg/m <sup>3</sup>	0.000100	-	<b>0.00152</b>	<b>0.00425</b>	<b>0.00635</b>	
铜 (折算浓度)	HJ 657	mg/m <sup>3</sup>	-	-	1.29×10 <sup>-3</sup>	3.65×10 <sup>-3</sup>	5.34×10 <sup>-3</sup>	
铜 (排放速率)	HJ 657	kg/h	-	-	1.07×10 <sup>-4</sup>	2.79×10 <sup>-4</sup>	4.28×10 <sup>-4</sup>	
锰 (排放浓度)	HJ 657	mg/m <sup>3</sup>	4.00 X 10 <sup>-5</sup>	-	<b>0.000609</b>	<b>0.000872</b>	<b>0.00138</b>	
锰 (折算浓度)	HJ 657	mg/m <sup>3</sup>	-	-	5.17×10 <sup>-4</sup>	7.50×10 <sup>-4</sup>	1.16×10 <sup>-3</sup>	
锰 (排放速率)	HJ 657	kg/h	-	-	4.28×10 <sup>-5</sup>	5.72×10 <sup>-5</sup>	9.28×10 <sup>-5</sup>	
铈 (排放浓度)	HJ 657	mg/m <sup>3</sup>	1.50 X 10 <sup>-5</sup>	-	<0.0000150	<0.0000150	<b>0.000106</b>	
铈 (折算浓度)	HJ 657	mg/m <sup>3</sup>	-	-	<1.28×10 <sup>-5</sup>	<1.29×10 <sup>-5</sup>	8.89×10 <sup>-5</sup>	
铈 (排放速率)	HJ 657	kg/h	-	-	<1.05×10 <sup>-6</sup>	<9.83×10 <sup>-7</sup>	7.14×10 <sup>-6</sup>	
砷 (排放浓度)	HJ 657	mg/m <sup>3</sup>	0.000100	-	<0.000100	<0.000100	<0.000100	
砷 (折算浓度)	HJ 657	mg/m <sup>3</sup>	-	-	<8.50×10 <sup>-5</sup>	<8.60×10 <sup>-5</sup>	<8.40×10 <sup>-5</sup>	
砷 (排放速率)	HJ 657	kg/h	-	-	<7.03×10 <sup>-6</sup>	<6.56×10 <sup>-6</sup>	<6.74×10 <sup>-6</sup>	
镉 (排放浓度)	HJ 657	mg/m <sup>3</sup>	5.00 X 10 <sup>-5</sup>	-	<b>0.000609</b>	<b>0.000872</b>	<b>0.00138</b>	
镉 (折算浓度)	HJ 657	mg/m <sup>3</sup>	-	-	5.17×10 <sup>-4</sup>	7.50×10 <sup>-4</sup>	1.16×10 <sup>-3</sup>	
镉 (排放速率)	HJ 657	kg/h	-	-	4.28×10 <sup>-5</sup>	5.72×10 <sup>-5</sup>	9.28×10 <sup>-5</sup>	
钴 (排放浓度)	HJ 657	mg/m <sup>3</sup>	5.00 X 10 <sup>-6</sup>	-	<b>0.000101</b>	<b>0.000109</b>	<b>0.000106</b>	
钴 (折算浓度)	HJ 657	mg/m <sup>3</sup>	-	-	8.62×10 <sup>-5</sup>	9.37×10 <sup>-5</sup>	8.89×10 <sup>-5</sup>	
钴 (排放速率)	HJ 657	kg/h	-	-	7.13×10 <sup>-6</sup>	7.14×10 <sup>-6</sup>	7.14×10 <sup>-6</sup>	
铅 (排放浓度)	HJ 657	mg/m <sup>3</sup>	0.000100	-	<0.000100	<b>0.000156</b>	<b>0.000251</b>	
铅 (折算浓度)	HJ 657	mg/m <sup>3</sup>	-	-	<8.50×10 <sup>-5</sup>	1.34×10 <sup>-4</sup>	2.51×10 <sup>-4</sup>	
铅 (排放速率)	HJ 657	kg/h	-	-	<7.03×10 <sup>-6</sup>	1.02×10 <sup>-5</sup>	1.02×10 <sup>-5</sup>	
镍 (排放浓度)	HJ 657	mg/m <sup>3</sup>	0.000100	-	<b>0.00274</b>	<b>0.00174</b>	<b>0.00243</b>	
镍 (折算浓度)	HJ 657	mg/m <sup>3</sup>	-	-	2.33×10 <sup>-3</sup>	1.50×10 <sup>-3</sup>	2.05×10 <sup>-3</sup>	
镍 (排放速率)	HJ 657	kg/h	-	-	1.92×10 <sup>-4</sup>	1.14×10 <sup>-4</sup>	1.64×10 <sup>-4</sup>	
汞 (排放浓度)	HJ 543	mg/m <sup>3</sup>	0.0025	-	<0.0025	<0.0025	<0.0025	
汞 (折算浓度)	HJ 543	mg/m <sup>3</sup>	-	≤0.05	<2.12×10 <sup>-3</sup>	<2.16×10 <sup>-3</sup>	<2.10×10 <sup>-3</sup>	
汞 (排放速率)	HJ 543	kg/h	-	-	<1.76×10 <sup>-4</sup>	<1.64×10 <sup>-4</sup>	<1.69×10 <sup>-4</sup>	
氯化氢 (排放浓度)	HJ 549	mg/m <sup>3</sup>	0.07	-	<b>12.0</b>	<b>14.2</b>	<0.07	
氯化氢 (折算浓度)	HJ 549	mg/m <sup>3</sup>	-	≤60	10.2	12.2	<b>&lt;0.0588</b>	
氯化氢 (排放速率)	HJ 549	kg/h	-	-	0.843	0.931	<4.72×10 <sup>-3</sup>	



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 <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. 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. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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

		实验室编号	20-00783.001	20-00783.002	20-00783.003		
		检测类别	有组织	有组织	有组织		
		样品描述	-	-	-		
		采样日期	2020/06/15	2020/06/15	2020/06/15		
分析指标	方法	单位	检出限	限值			
颗粒物(排放浓度)	HJ 836	mg/m <sup>3</sup>	1.0	-	<1.0	<1.0	<1.0
颗粒物(折算浓度)	HJ 836	mg/m <sup>3</sup>	-	≤30	<b>&lt;0.862</b>	<b>&lt;0.943</b>	<b>&lt;1.00</b>
颗粒物(排放速率)	HJ 836	kg/h	-	-	<b>&lt;0.0655</b>	<b>&lt;0.0635</b>	<b>&lt;0.0666</b>
二氧化硫(排放浓度)	HJ 57	mg/m <sup>3</sup>	3	-	<b>42</b>	<b>28</b>	<b>34</b>
二氧化硫(折算浓度)	HJ 57	mg/m <sup>3</sup>	-	≤100	36	26	34
二氧化硫(排放速率)	HJ 57	kg/h	-	-	2.75	1.76	2.27
氮氧化物(排放浓度)	HJ693	mg/m <sup>3</sup>	3	-	<b>258</b>	<b>266</b>	<b>232</b>
氮氧化物(折算浓度)	HJ693	mg/m <sup>3</sup>	-	≤300	222	251	232
氮氧化物(排放速率)	HJ693	kg/h	-	-	16.9	16.9	15.5
一氧化碳(排放浓度)	HJ 973	mg/m <sup>3</sup>	3	-	<b>5</b>	<b>5</b>	<b>4</b>
一氧化碳(折算浓度)	HJ 973	mg/m <sup>3</sup>	-	≤100	4	5	4
一氧化碳(排放速率)	HJ 973	kg/h	-	-	0.338	0.326	0.249



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 <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. 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. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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

分析指标	方法	单位	检出限	限值	实验室编号	20-00783.004	20-00783.005	20-00783.006
					检测类别	有组织	有组织	有组织
采样位置	-	-	-	-	样品描述	-	-	-
采样时间 (金属/汞/氯化氢)	-	-	-	-	采样日期	2020/06/15	2020/06/15	2020/06/15
采样时间 (低浓度颗粒物/二氧化硫/氮氧化物/一氧化碳)	-	-	-	-				
烟道截面积	-	m <sup>2</sup>	-	-		2.0106	2.0106	2.0106
排气筒高度	-	m	-	-		80	80	80
烟温	GB/T 16157	°C	-	-		154	152	153
烟气流速	GB/T 16157	m/s	-	-		15.0	15.1	15.0
含湿量	GB/T 16157	%	-	-		18.5	18.0	16.5
标干气量	GB/T 16157	m <sup>3</sup> /h	-	-		5.58 X 10 <sup>4</sup>	5.66 X 10 <sup>4</sup>	5.72 X 10 <sup>4</sup>
静压	GB/T 16157	kPa	-	-		-0.06	-0.05	-0.05
氧含量	SEPA 2003	%	-	-		9.9	10.4	10.0
铬 (排放浓度)	HJ 657	mg/m <sup>3</sup>	0.000150	-		<b>0.00509</b>	<b>0.00285</b>	<b>0.00528</b>
铬 (折算浓度)	HJ 657	mg/m <sup>3</sup>	-	-		4.48×10 <sup>-3</sup>	2.65×10 <sup>-3</sup>	4.54×10 <sup>-3</sup>
铬 (排放速率)	HJ 657	kg/h	-	-		2.82×10 <sup>-4</sup>	1.62×10 <sup>-4</sup>	3.03×10 <sup>-4</sup>
铊 (排放浓度)	HJ 657	mg/m <sup>3</sup>	5.00 X 10 <sup>-6</sup>	-		<0.00000500	<0.00000500	<0.00000500
铊 (折算浓度)	HJ 657	mg/m <sup>3</sup>	-	-		<4.40×10 <sup>-6</sup>	<4.65×10 <sup>-6</sup>	<4.30×10 <sup>-6</sup>
铊 (排放速率)	HJ 657	kg/h	-	-		<2.77×10 <sup>-7</sup>	<2.85×10 <sup>-7</sup>	<2.87×10 <sup>-7</sup>
铜 (排放浓度)	HJ 657	mg/m <sup>3</sup>	0.000100	-		<b>0.000283</b>	<b>0.000368</b>	<b>0.000364</b>
铜 (折算浓度)	HJ 657	mg/m <sup>3</sup>	-	-		2.49×10 <sup>-4</sup>	3.42×10 <sup>-4</sup>	3.13×10 <sup>-4</sup>
铜 (排放速率)	HJ 657	kg/h	-	-		1.57×10 <sup>-5</sup>	2.09×10 <sup>-5</sup>	2.09×10 <sup>-5</sup>
锰 (排放浓度)	HJ 657	mg/m <sup>3</sup>	4.00 X 10 <sup>-5</sup>	-		<b>0.000471</b>	<b>0.000276</b>	<b>0.000910</b>
锰 (折算浓度)	HJ 657	mg/m <sup>3</sup>	-	-		4.15×10 <sup>-4</sup>	2.56×10 <sup>-4</sup>	7.82×10 <sup>-4</sup>
锰 (排放速率)	HJ 657	kg/h	-	-		2.61×10 <sup>-5</sup>	1.57×10 <sup>-5</sup>	5.22×10 <sup>-5</sup>
铈 (排放浓度)	HJ 657	mg/m <sup>3</sup>	1.50 X 10 <sup>-5</sup>	-		<0.0000150	<b>0.000184</b>	<0.0000150
铈 (折算浓度)	HJ 657	mg/m <sup>3</sup>	-	-		<1.32×10 <sup>-5</sup>	1.71×10 <sup>-4</sup>	<1.29×10 <sup>-5</sup>
铈 (排放速率)	HJ 657	kg/h	-	-		<8.31×10 <sup>-7</sup>	1.05×10 <sup>-5</sup>	<8.61×10 <sup>-7</sup>
砷 (排放浓度)	HJ 657	mg/m <sup>3</sup>	0.000100	-		<0.000100	<0.000100	<0.000100
砷 (折算浓度)	HJ 657	mg/m <sup>3</sup>	-	-		<8.80×10 <sup>-5</sup>	<9.30×10 <sup>-5</sup>	<8.60×10 <sup>-5</sup>
砷 (排放速率)	HJ 657	kg/h	-	-		<5.54×10 <sup>-6</sup>	<5.70×10 <sup>-6</sup>	<5.74×10 <sup>-6</sup>
镉 (排放浓度)	HJ 657	mg/m <sup>3</sup>	5.00 X 10 <sup>-5</sup>	-		<b>0.000471</b>	<b>0.000276</b>	<b>0.000910</b>
镉 (折算浓度)	HJ 657	mg/m <sup>3</sup>	-	-		4.15×10 <sup>-4</sup>	2.56×10 <sup>-4</sup>	7.82×10 <sup>-4</sup>
镉 (排放速率)	HJ 657	kg/h	-	-		2.61×10 <sup>-5</sup>	1.57×10 <sup>-5</sup>	5.22×10 <sup>-5</sup>
钴 (排放浓度)	HJ 657	mg/m <sup>3</sup>	5.00 X 10 <sup>-6</sup>	-		<b>9.43 X 10<sup>-6</sup></b>	<0.00000500	<b>9.10 X 10<sup>-6</sup></b>
钴 (折算浓度)	HJ 657	mg/m <sup>3</sup>	-	-		8.30×10 <sup>-5</sup>	<4.65×10 <sup>-6</sup>	7.82×10 <sup>-5</sup>
钴 (排放速率)	HJ 657	kg/h	-	-		5.23×10 <sup>-6</sup>	<2.85×10 <sup>-7</sup>	5.22×10 <sup>-6</sup>
铅 (排放浓度)	HJ 657	mg/m <sup>3</sup>	0.000100	-		<0.000100	<0.000100	<0.000100
铅 (折算浓度)	HJ 657	mg/m <sup>3</sup>	-	-		<8.80×10 <sup>-5</sup>	<9.30×10 <sup>-5</sup>	<8.60×10 <sup>-5</sup>
铅 (排放速率)	HJ 657	kg/h	-	-		<5.54×10 <sup>-6</sup>	<5.70×10 <sup>-6</sup>	<5.74×10 <sup>-6</sup>
镍 (排放浓度)	HJ 657	mg/m <sup>3</sup>	0.000100	-		<b>0.00264</b>	<b>0.000827</b>	<b>0.00328</b>
镍 (折算浓度)	HJ 657	mg/m <sup>3</sup>	-	-		2.32×10 <sup>-3</sup>	7.69×10 <sup>-4</sup>	2.82×10 <sup>-3</sup>
镍 (排放速率)	HJ 657	kg/h	-	-		1.46×10 <sup>-4</sup>	4.71×10 <sup>-5</sup>	1.88×10 <sup>-4</sup>
汞 (排放浓度)	HJ 543	mg/m <sup>3</sup>	0.0025	-		<0.0025	<0.0025	<0.0025
汞 (折算浓度)	HJ 543	mg/m <sup>3</sup>	-	≤0.05		<2.19×10 <sup>-3</sup>	<2.34×10 <sup>-3</sup>	<2.16×10 <sup>-3</sup>
汞 (排放速率)	HJ 543	kg/h	-	-		<1.39×10 <sup>-4</sup>	<1.42×10 <sup>-4</sup>	<1.43×10 <sup>-4</sup>
氯化氢 (排放浓度)	HJ 549	mg/m <sup>3</sup>	0.07	-		<0.07	<0.07	<0.07
氯化氢 (折算浓度)	HJ 549	mg/m <sup>3</sup>	-	≤60		<b>&lt;0.0616</b>	<b>&lt;0.0651</b>	<b>&lt;0.0602</b>
氯化氢 (排放速率)	HJ 549	kg/h	-	-		<3.88×10 <sup>-3</sup>	<3.99×10 <sup>-3</sup>	<4.02×10 <sup>-3</sup>



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 <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained herein 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. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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

分析指标	方法	单位	检出限	限值	实验室编号	20-00783.004	20-00783.005	20-00783.006
					检测类别	有组织	有组织	有组织
					样品描述	-	-	-
					采样日期	2020/06/15	2020/06/15	2020/06/15
颗粒物(排放浓度)	HJ 836	mg/m <sup>3</sup>	1.0	-		<1.0	<1.0	<1.0
颗粒物(折算浓度)	HJ 836	mg/m <sup>3</sup>	-	≤30		<b>&lt;0.917</b>	<b>&lt;0.952</b>	<b>&lt;0.962</b>
颗粒物(排放速率)	HJ 836	kg/h	-	-		<b>&lt;0.0562</b>	<b>&lt;0.0562</b>	<b>&lt;0.0571</b>
二氧化硫(排放浓度)	HJ 57	mg/m <sup>3</sup>	3	-		<b>12</b>	<b>17</b>	<b>32</b>
二氧化硫(折算浓度)	HJ 57	mg/m <sup>3</sup>	-	≤100		11	16	30
二氧化硫(排放速率)	HJ 57	kg/h	-	-		0.656	0.955	1.81
氮氧化物(排放浓度)	HJ693	mg/m <sup>3</sup>	3	-		<b>208</b>	<b>174</b>	<b>150</b>
氮氧化物(折算浓度)	HJ693	mg/m <sup>3</sup>	-	≤300		191	166	145
氮氧化物(排放速率)	HJ693	kg/h	-	-		11.7	9.80	8.58
一氧化碳(排放浓度)	HJ 973	mg/m <sup>3</sup>	3	-		<3	<3	<b>5</b>
一氧化碳(折算浓度)	HJ 973	mg/m <sup>3</sup>	-	≤100		<b>&lt;3</b>	<b>&lt;3</b>	4
一氧化碳(排放速率)	HJ 973	kg/h	-	-		<b>&lt;0.168</b>	<b>&lt;0.168</b>	0.266

**备注：**

采样地址：天津市蓟州区别山镇西九户村东北1000米。

排气筒高度由客户提供。

限值：GB18485 - 2014 《生活垃圾焚烧污染控制标准》表4。



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 <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. 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. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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 (Tianjin) Co., Ltd.  
Environment Laboratory

SGS Mansion, No.41, The 5th Avenue TEDA, Tianjin, China 300457 t (86-22) 6528 8272 f (86-22) 2529 3826 www.sgsgroup.com.cn  
中国·天津市经济技术开发区第五大街41号SGS大厦 邮编: 300457 t (86-22) 6528 8272 f (86-22) 2529 3826 e sgs.china@sgs.com

## 方法列表

- GB/T 16157-1996 固定污染源排气中颗粒物测定与气态污染物采样方法
- SEPA 2003 《空气和废气监测分析方法》(第四版)国家环境保护总局(2003)
- HJ 657-2013 及修改单 空气和废气 颗粒物中铅等金属元素的测定 电感耦合等离子体质谱法
- HJ 543-2009 固定污染源废气 汞的测定 冷原子吸收分光光度法(暂行)
- HJ 549-2016 环境空气和废气 氯化氢的测定 离子色谱法
- HJ 836-2017 固定污染源废气 低浓度颗粒物的测定 重量法
- HJ 57-2017 固定污染源废气 二氧化硫的测定 定电位电解法
- HJ693-2014 固定污染源废气 氮氧化物的测定 定电位电解法
- HJ 973-2018 固定污染源废气 一氧化碳的测定 定电位电解法



SGS-CSTC Standards Technical Services (Tianjin) Co., Ltd.  
Environment Laboratory

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 <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. 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. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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](mailto:CN.Doccheck@sgs.com)

SGS Mansion, No.41, The 5th Avenue TEDA, Tianjin, China 300457 t (86-22) 6528 8272 f (86-22) 2529 3826 www.sgsgroup.com.cn  
中国·天津市经济技术开发区第五大街41号SGS大厦 邮编: 300457 t (86-22) 6528 8272 f (86-22) 2529 3826 e [sgs.china@sgs.com](mailto:sgs.china@sgs.com)

**方法:采样仪器信息(Sampling equipment information)\***

仪器名称	型号	仪器编号	出厂序号
崂应自动烟尘测试仪3012H	3012H	ENV156-9	A08518198X
智能双路烟气采样器	3072	ENV448	H03000419
双气路烟气采样器	ZR-3710	ENV555	371019031783
自动烟尘/气测试仪	LAOYING 3012H	ENV556	A11030112
低浓度自动烟尘烟气综合测试仪	ZR-3260D	ENV559	3260D19058379

**方法:GB/T 16157-1996**

仪器名称	型号	仪器编号	出厂序号
崂应自动烟尘测试仪3012H	3012H	ENV156-9	A08518198X
低浓度自动烟尘烟气综合测试仪	ZR-3260D	ENV559	3260D19058379

**方法:SEPA 2003**

仪器名称	型号	仪器编号	出厂序号
崂应自动烟尘测试仪3012H	3012H	ENV156-9	A08518198X
低浓度自动烟尘烟气综合测试仪	ZR-3260D	ENV559	3260D19058379

**方法:HJ 657-2013**

仪器名称	型号	仪器编号	出厂序号
电感耦合等离子体质谱仪	NEXION 350X	CHEM-080-A	85XN6101801

**方法:HJ 543-2009**

仪器名称	型号	仪器编号	出厂序号
测汞仪	DMA-80	CHEM-015-C	17032196

**方法:HJ 549-2016**

仪器名称	型号	仪器编号	出厂序号
离子色谱仪	INTEGRION	CHEM-029C	16070419

**方法:HJ 836-2017**

仪器名称	型号	仪器编号	出厂序号
电子天平	XS205	CHEM-004-G	B118137264

**方法:HJ 57-2017**

仪器名称	型号	仪器编号	出厂序号
自动烟尘/气测试仪	LAOYING 3012H	ENV556	A11030112
低浓度自动烟尘烟气综合测试仪	ZR-3260D	ENV559	3260D19058379

**方法:HJ693-2014**

仪器名称	型号	仪器编号	出厂序号
自动烟尘/气测试仪	LAOYING 3012H	ENV556	A11030112
低浓度自动烟尘烟气综合测试仪	ZR-3260D	ENV559	3260D19058379

**方法:HJ 973-2018**

仪器名称	型号	仪器编号	出厂序号
自动烟尘/气测试仪	LAOYING 3012H	ENV556	A11030112
低浓度自动烟尘烟气综合测试仪	ZR-3260D	ENV559	3260D19058379


 SGS-CSTC (Tianjin) Co., Ltd.  
 Environment Laboratory

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 <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. 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. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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 Mansion, No.41, The 5th Avenue TEDA, Tianjin, China 300457 t (86-22) 6528 8272 f (86-22) 2529 3826 www.sgsgroup.com.cn  
 中国·天津市经济技术开发区第五大街41号SGS大厦 邮编: 300457 t (86-22) 6528 8272 f (86-22) 2529 3826 e sgs.china@sgs.com



项目 样品编号	锡、铊及其化合物	锡、砷、铅、镉、钴、铜、 锰、镍及其化合物	限值	
	排放浓度 (mg/m <sup>3</sup> )	排放浓度 (mg/m <sup>3</sup> )	锡、铊及其化合物 (mg/m <sup>3</sup> )	锡、砷、铅、镉、钴、 铜、锰、镍及其化合物 (mg/m <sup>3</sup> )
TJE20-00783.001	0.000517	0.0103	0.1	1.0
TJE20-00783.002	0.000750	0.0104		
TJE20-00783.003	0.00116	0.0153		
TJE20-00783.004	0.000415	0.00796		
TJE20-00783.005	0.000256	0.00444		
TJE20-00783.006	0.000782	0.00932		

\*\*\* 报告结束 \*\*\*



SGS-CSTC Inspection & Testing Services (Tianjin) Co., Ltd.  
Environment Laboratory

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 <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. 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. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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](mailto:CN.Doccheck@sgs.com)

SGS Mansion, No.41, The 5th Avenue TEDA, Tianjin, China 300457 t (86-22) 6528 8272 f (86-22) 2529 3826 www.sgsgroup.com.cn  
中国·天津市经济技术开发区第五大街41号SGS大厦 邮编: 300457 t (86-22) 6528 8272 f (86-22) 2529 3826 e [sgs.china@sgs.com](mailto:sgs.china@sgs.com)