

检测报告

客户信息

联系人 姚建开
客户 天津绿色动力再生能源有限公司

地址 中国天津市蓟州区别山镇西九户村东北1000米

电话 -
传真 -
Email 865566424@qq.com

订单号 -
样品 地下水(2) 废气(20)
项目 -

实验室信息

管理者 SGS-CSTC
实验室 天津环境测试服务部

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)

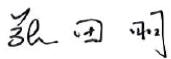
电话 (86-22) 65288272
传真 (86-22) 25293826
Email Tianjin.env@sgs.com

报告编号 TJE20-00321 R0
SGS编号 0000014951
报告日期 2020/04/07

备注

1.结果适用于采样样品。

报告批准人



张田明
报告编制



王琳琳
审核



窦铭超
批准人



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-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.sgs.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 (Standard 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

分析指标	方法	单位	检出限	限值	2#监测井	1#监测井
实验室编号					20-00321.001	20-00321.002
检测类别					地下水	地下水
样品描述					无色无味清澈	无色无味清澈
采样日期					2020/03/27	2020/03/27
采样位置	-	-	-	-	2#监测井	1#监测井
采样时间	-	-	-	-	15:10-15:16	15:24-15:30

pH	GB/T 6920	-	-	6.5~8.5	7.9	7.8
总硬度 (CaCO ₃ 计)	GB 7477	mg/L	5	≤450	388	328
溶解性总固体	SEPA 2002	mg/L	5	≤1000	584	331
高锰酸盐指数(耗氧量)	GB/T 5750.7	mg/L	0.05	≤3.0	1.30	0.78
氨氮	HJ 535	mg/L	0.025	≤0.50	ND	ND
氯化物	HJ 84	mg/L	0.007	≤250	70.3	24.0
氟化物	HJ 84	mg/L	0.006	≤1.0	0.101	0.220
亚硝酸盐氮 (N _{it})	HJ 84	mg/L	0.005	≤1.00	ND	ND
硝酸盐氮 (N _{it})	HJ 84	mg/L	0.0036	≤20.0	15.2	7.63
硫酸盐	HJ 84	mg/L	0.018	≤250	108	45.5
挥发酚	HJ 503	mg/L	0.0003	≤0.002	ND	ND
易释放氟化物	HJ 484	mg/L	0.004	≤0.05	ND	ND
汞	GB/T 5750.6	mg/L	0.001	≤0.001	ND	ND
砷	HJ 700	mg/L	0.000120	≤0.01	0.00152	0.00106
镉	HJ 700	mg/L	5.00 X 10 ⁻⁵	≤0.005	ND	ND
铜	HJ 700	mg/L	8.00 X 10 ⁻⁵	≤1.0	ND	0.000160
铁	HJ 700	mg/L	0.000125	≤0.3	0.0660	0.0159
锰	HJ 700	mg/L	0.000120	≤0.10	0.00412	0.000220
铅	HJ 700	mg/L	9.00 X 10 ⁻⁵	≤0.01	0.000150	ND
锌	HJ 700	mg/L	0.00125	≤1.0	0.135	ND
六价铬	GB/T 7467	mg/L	0.004	≤0.05	ND	ND



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 检测类别 样品描述 采样日期	20-00321.003 无组织 - 2020/03/27	20-00321.004 无组织 - 2020/03/27	20-00321.005 无组织 - 2020/03/27
分析指标	方法	单位	检出限	限值				
采样位置	-	-	-	-	上风向1#	下风向2#	下风向3#	
采样时间	-	-	-	-	11:05-12:05	11:05-12:05	11:05-12:05	
环境温度	-	°C	-	-	12.1	12.3	12.2	
环境湿度	-	%	-	-	19.8	20.1	20.3	
大气压	-	kPa	-	-	102.0	102.0	102.0	
实际风速	-	m/s	-	-	1.5	1.6	1.5	
风向	-	-	-	-	西	西	西	
氨	HJ 533	mg/m ³	0.02	≤1.5	0.03	0.06	0.06	
臭气浓度	GB/T 14675	-	10	≤20	<10	<10	<10	

					实验室编号 检测类别 样品描述 采样日期	20-00321.006 无组织 - 2020/03/27	20-00321.007 无组织 - 2020/03/27	20-00321.008 无组织 - 2020/03/27
分析指标	方法	单位	检出限	限值				
采样位置	-	-	-	-	下风向4#	上风向1#	下风向2#	
采样时间	-	-	-	-	11:05-12:05	12:20-13:20	12:20-13:20	
环境温度	-	°C	-	-	12.2	13.6	13.8	
环境湿度	-	%	-	-	20.4	15.7	15.2	
大气压	-	kPa	-	-	102.0	101.9	101.9	
实际风速	-	m/s	-	-	1.6	1.7	1.6	
风向	-	-	-	-	西	西	西	
氨	HJ 533	mg/m ³	0.02	≤1.5	0.06	<0.02	0.07	
臭气浓度	GB/T 14675	-	10	≤20	<10	<10	<10	



					实验室编号 20-00321.009	20-00321.010	20-00321.011
					检测类别 无组织	无组织	无组织
					样品描述 -	-	-
					采样日期 2020/03/27	2020/03/27	2020/03/27
分析指标	方法	单位	检出限	限值			
采样位置	-	-	-	-	下风向3#	下风向4#	上风向1#
采样时间	-	-	-	-	12:20-13:20	12:20-13:20	13:45-14:45
环境温度	-	°C	-	-	13.7	13.7	12.6
环境湿度	-	%	-	-	15.4	15.6	13.9
大气压	-	kPa	-	-	101.9	101.9	101.8
实际风速	-	m/s	-	-	1.5	1.7	2.4
风向	-	-	-	-	西	西	西
氨	HJ 533	mg/m ³	0.02	≤1.5	0.03	0.03	0.04
臭气浓度	GB/T 14675	-	10	≤20	<10	<10	<10

					实验室编号 20-00321.012	20-00321.013	20-00321.014
					检测类别 无组织	无组织	无组织
					样品描述 -	-	-
					采样日期 2020/03/27	2020/03/27	2020/03/27
分析指标	方法	单位	检出限	限值			
采样位置	-	-	-	-	下风向2#	下风向3#	下风向4#
采样时间	-	-	-	-	13:45-14:45	13:45-14:45	13:45-14:45
环境温度	-	°C	-	-	12.7	12.8	12.7
环境湿度	-	%	-	-	14.1	14.2	14.0
大气压	-	kPa	-	-	101.8	101.8	101.8
实际风速	-	m/s	-	-	2.5	2.3	2.4
风向	-	-	-	-	西	西	西
氨	HJ 533	mg/m ³	0.02	≤1.5	0.03	0.04	0.05
臭气浓度	GB/T 14675	-	10	≤20	<10	<10	<10



分析指标	方法	单位	检出限	限值	实验室编号	20-00321.015	20-00321.016	20-00321.017
					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	-	-	-	-	采样日期	2020/03/27	2020/03/27	2020/03/27
烟道截面积	-	m ²	-	-		2.0106	2.0106	2.0106
排气筒高度	-	m	-	-		80	80	80
烟温	GB/T 16157	°C	-	-		145	145	149
烟气流速	GB/T 16157	m/s	-	-		16.7	16.3	16.5
含湿量	GB/T 16157	%	-	-		16.5	17.4	16.9
标干气量	GB/T 16157	m ³ /h	-	-		6.65 X 10 ⁴	6.40 X 10 ⁴	6.46 X 10 ⁴
静压	GB/T 16157	kPa	-	-		-0.16	-0.16	-0.18
氧含量	SEPA 2003	%	-	-		10.6	11.6	11.2
铬(排放浓度)	HJ 657	mg/m ³	0.000300	-		0.00680	0.0103	0.00835
铬(折算浓度)	HJ 657	mg/m ³	-	-		6.52×10 ⁻³	1.09×10 ⁻²	8.52×10 ⁻³
铬(排放速率)	HJ 657	kg/h	-	-		4.52×10 ⁻⁴	6.59×10 ⁻⁴	5.40×10 ⁻⁴
铈(排放浓度)	HJ 657	mg/m ³	8.00 X 10 ⁻⁶	-		<0.00000800	<0.00000800	<0.00000800
铈(折算浓度)	HJ 657	mg/m ³	-	-		<7.68×10 ⁻⁶	<8.48×10 ⁻⁶	<8.16×10 ⁻⁶
铈(排放速率)	HJ 657	kg/h	-	-		<5.32×10 ⁻⁷	<5.12×10 ⁻⁷	<5.17×10 ⁻⁷
铜(排放浓度)	HJ 657	mg/m ³	0.000200	-		0.000216	<0.000200	0.000223
铜(折算浓度)	HJ 657	mg/m ³	-	-		1.90×10 ⁻⁴	<2.12×10 ⁻⁴	2.27×10 ⁻⁴
铜(排放速率)	HJ 657	kg/h	-	-		1.43×10 ⁻⁵	<1.28×10 ⁻⁵	1.44×10 ⁻⁵
锰(排放浓度)	HJ 657	mg/m ³	7.00 X 10 ⁻⁵	-		0.000971	0.00101	0.000668
锰(折算浓度)	HJ 657	mg/m ³	-	-		9.32×10 ⁻⁴	1.07×10 ⁻³	6.82×10 ⁻⁴
锰(排放速率)	HJ 657	kg/h	-	-		6.46×10 ⁻⁵	6.44×10 ⁻⁵	4.32×10 ⁻⁵
铈(排放浓度)	HJ 657	mg/m ³	2.00 X 10 ⁻⁵	-		0.000108	<0.0000200	<0.0000200
铈(折算浓度)	HJ 657	mg/m ³	-	-		1.04×10 ⁻⁴	<2.12×10 ⁻⁵	<2.04×10 ⁻⁵
铈(排放速率)	HJ 657	kg/h	-	-		7.17×10 ⁻⁶	<1.28×10 ⁻⁶	<1.29×10 ⁻⁶
砷(排放浓度)	HJ 657	mg/m ³	0.000200	-		<0.000200	<0.000200	<0.000200
砷(折算浓度)	HJ 657	mg/m ³	-	-		<1.92×10 ⁻⁴	<2.12×10 ⁻⁴	<2.04×10 ⁻⁴
砷(排放速率)	HJ 657	kg/h	-	-		<1.33×10 ⁻⁵	<1.28×10 ⁻⁵	<1.29×10 ⁻⁵
镉(排放浓度)	HJ 657	mg/m ³	8.00 X 10 ⁻⁶	-		1.08 X 10⁻⁵	2.24 X 10⁻⁵	1.11 X 10⁻⁵
镉(折算浓度)	HJ 657	mg/m ³	-	-		1.08×10 ⁻⁵	2.24×10 ⁻⁵	1.11×10 ⁻⁵
镉(排放速率)	HJ 657	kg/h	-	-		7.17×10 ⁻⁷	1.43×10 ⁻⁶	7.20×10 ⁻⁷
钴(排放浓度)	HJ 657	mg/m ³	8.00 X 10 ⁻⁶	-		0.000108	0.000112	0.000111
钴(折算浓度)	HJ 657	mg/m ³	-	-		1.08×10 ⁻⁴	1.12×10 ⁻⁴	1.11×10 ⁻⁴
钴(排放速率)	HJ 657	kg/h	-	-		7.17×10 ⁻⁶	7.16×10 ⁻⁶	7.20×10 ⁻⁶
铅(排放浓度)	HJ 657	mg/m ³	0.000200	-		0.000431	0.000447	<0.000200
铅(折算浓度)	HJ 657	mg/m ³	-	-		4.14×10 ⁻⁴	4.74×10 ⁻⁴	<2.04×10 ⁻⁴
铅(排放速率)	HJ 657	kg/h	-	-		2.87×10 ⁻⁵	2.86×10 ⁻⁵	<1.29×10 ⁻⁵
镍(排放浓度)	HJ 657	mg/m ³	0.000100	-		0.00335	0.00460	0.00346
镍(折算浓度)	HJ 657	mg/m ³	-	-		3.22×10 ⁻³	4.87×10 ⁻³	3.53×10 ⁻³
镍(排放速率)	HJ 657	kg/h	-	-		2.23×10 ⁻⁴	2.94×10 ⁻⁴	2.24×10 ⁻⁴
汞(排放浓度)	HJ 543	mg/m ³	0.0025	-		<0.0025	<0.0025	<0.0025
汞(折算浓度)	HJ 543	mg/m ³	-	≤0.05		<2.40×10 ⁻³	<2.66×10 ⁻³	<2.55×10 ⁻³
汞(排放速率)	HJ 543	kg/h	-	-		<1.66×10 ⁻⁴	<1.60×10 ⁻⁴	<1.62×10 ⁻⁴
烟气黑度	HJ/T 398	grade	1	-		<1	<1	<1



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	20-00321.018	20-00321.019	20-00321.020
					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	-	-	-	-	采样日期	2020/03/27	2020/03/27	2020/03/27
烟温	GB/T 16157	°C	-	-	焚烧炉2#废气排口	焚烧炉2#废气排口	焚烧炉2#废气排口	焚烧炉2#废气排口
烟气流速	GB/T 16157	m/s	-	-	13:53-14:53	14:58-15:58	16:00-17:00	
含湿量	GB/T 16157	%	-	-	2.0106	2.0106	2.0106	
标干气量	GB/T 16157	m³/h	-	-	80	80	80	
静压	GB/T 16157	kPa	-	-				
氧含量	SEPA 2003	%	-	-				
铬 (排放浓度)	HJ 657	mg/m³	0.000300	-	0.0375	0.0109	0.0160	
铬 (折算浓度)	HJ 657	mg/m³	-	-	4.05×10 ⁻²	1.12×10 ⁻²	1.62×10 ⁻²	
铬 (排放速率)	HJ 657	kg/h	-	-	2.37×10 ⁻³	7.00×10 ⁻⁴	9.75×10 ⁻⁴	
铈 (排放浓度)	HJ 657	mg/m³	8.00 X 10 ⁻⁶	-	<0.00000800	<0.00000800	<0.00000800	
铈 (折算浓度)	HJ 657	mg/m³	-	-	<8.64×10 ⁻⁶	<8.24×10 ⁻⁶	<8.08×10 ⁻⁶	
铈 (排放速率)	HJ 657	kg/h	-	-	<5.05×10 ⁻⁷	<5.16×10 ⁻⁷	<4.87×10 ⁻⁷	
铜 (排放浓度)	HJ 657	mg/m³	0.000200	-	0.000343	<0.000200	0.000936	
铜 (折算浓度)	HJ 657	mg/m³	-	-	3.70×10 ⁻⁴	<2.06×10 ⁻⁴	9.45×10 ⁻⁴	
铜 (排放速率)	HJ 657	kg/h	-	-	2.16×10 ⁻⁵	<1.29×10 ⁻⁵	5.69×10 ⁻⁵	
锰 (排放浓度)	HJ 657	mg/m³	7.00 X 10 ⁻⁵	-	0.00332	0.000776	0.00164	
锰 (折算浓度)	HJ 657	mg/m³	-	-	3.58×10 ⁻³	7.99×10 ⁻⁴	1.65×10 ⁻³	
锰 (排放速率)	HJ 657	kg/h	-	-	2.09×10 ⁻⁴	5.00×10 ⁻⁵	9.96×10 ⁻⁵	
铈 (排放浓度)	HJ 657	mg/m³	2.00 X 10 ⁻⁵	-	0.000114	<0.0000200	0.000117	
铈 (折算浓度)	HJ 657	mg/m³	-	-	1.23×10 ⁻⁴	<2.06×10 ⁻⁵	1.18×10 ⁻⁴	
铈 (排放速率)	HJ 657	kg/h	-	-	7.22×10 ⁻⁶	<1.29×10 ⁻⁶	7.12×10 ⁻⁶	
砷 (排放浓度)	HJ 657	mg/m³	0.000200	-	<0.000200	<0.000200	<0.000200	
砷 (折算浓度)	HJ 657	mg/m³	-	-	<2.16×10 ⁻⁴	<2.06×10 ⁻⁴	<2.02×10 ⁻⁴	
砷 (排放速率)	HJ 657	kg/h	-	-	<1.26×10 ⁻⁵	<1.29×10 ⁻⁵	<1.22×10 ⁻⁵	
镉 (排放浓度)	HJ 657	mg/m³	8.00 X 10 ⁻⁶	-	4.57 X 10 ⁻⁶	3.33 X 10 ⁻⁶	2.34 X 10 ⁻⁶	
镉 (折算浓度)	HJ 657	mg/m³	-	-	4.57×10 ⁻⁵	3.33×10 ⁻⁵	2.34×10 ⁻⁵	
镉 (排放速率)	HJ 657	kg/h	-	-	2.89×10 ⁻⁶	2.14×10 ⁻⁶	1.42×10 ⁻⁶	
钴 (排放浓度)	HJ 657	mg/m³	8.00 X 10 ⁻⁶	-	0.000572	0.000111	0.000117	
钴 (折算浓度)	HJ 657	mg/m³	-	-	5.72×10 ⁻⁴	1.11×10 ⁻⁴	1.17×10 ⁻⁴	
钴 (排放速率)	HJ 657	kg/h	-	-	3.61×10 ⁻⁵	7.15×10 ⁻⁶	7.12×10 ⁻⁶	
铅 (排放浓度)	HJ 657	mg/m³	0.000200	-	0.000572	0.000333	0.000468	
铅 (折算浓度)	HJ 657	mg/m³	-	-	6.17×10 ⁻⁴	3.43×10 ⁻⁴	4.72×10 ⁻⁴	
铅 (排放速率)	HJ 657	kg/h	-	-	3.61×10 ⁻⁵	2.14×10 ⁻⁵	2.85×10 ⁻⁵	
镍 (排放浓度)	HJ 657	mg/m³	0.000100	-	0.0161	0.00134	0.00235	
镍 (折算浓度)	HJ 657	mg/m³	-	-	1.74×10 ⁻²	1.38×10 ⁻³	2.37×10 ⁻³	
镍 (排放速率)	HJ 657	kg/h	-	-	1.02×10 ⁻³	8.65×10 ⁻⁵	1.43×10 ⁻⁴	
汞 (排放浓度)	HJ 543	mg/m³	0.0025	-	<0.0025	<0.0025	<0.0025	
汞 (折算浓度)	HJ 543	mg/m³	-	≤0.05	<2.69×10 ⁻³	<2.58×10 ⁻³	<2.53×10 ⁻³	
汞 (排放速率)	HJ 543	kg/h	-	-	<1.58×10 ⁻⁴	<1.61×10 ⁻⁴	<1.52×10 ⁻⁴	
烟气黑度	HJ/T 398	grade	1	-	<1	<1	<1	



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		20-00321.021		20-00321.022	
		检测类别		有组织		有组织	
		样品描述		-		-	
		采样日期		2020/03/27		2020/03/27	
分析指标	方法	单位	检出限	限值			
采样位置	-	-	-	-	活性炭贮仓	石灰贮仓	
采样时间	-	-	-	-	10:54-11:54	12:59-13:59	
烟道截面积	-	m ²	-	-	0.0100	0.0180	
排气筒高度	-	m	-	-	26	26	
烟温	GB/T 16157	°C	-	-	21	21	
烟气流速	GB/T 16157	m/s	-	-	4.6	8.0	
含湿量	GB/T 16157	%	-	-	0.9	1.1	
标干气量	GB/T 16157	m ³ /h	-	-	154	481	
静压	GB/T 16157	kPa	-	-	-0.02	0.00	
颗粒物(排放浓度)	GB/T 16157	mg/m ³	20	≤120	<20	<20	
颗粒物(排放速率)	GB/T 16157	kg/h	-	≤16	<3.08×10 ⁻³	<9.62×10 ⁻³	

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。

焚烧炉1#废气排放口/焚烧炉2#废气排放口/活性炭贮仓/石灰贮仓采样位置均不符合GB/T16157-1996中4.2.1要求。

限值：

地下水执行GB/T 14848-2017 《地下水质量标准》III类；

无组织废气执行GB 14554-93 《恶臭污染物排放标准》表1 二级 新改扩建；

焚烧炉1#废气排口/焚烧炉2#废气排口执行GB 18485-2014 《生活垃圾焚烧污染控制标准》表4；

石灰贮仓/活性炭贮仓执行GB 16297-1996 《大气污染物综合排放标准》表2 二级。



SGS-CSTC (Shanghai) 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

方法列表

GB/T 6920-1986 水质 pH值的测定 玻璃电极法
GB 7477-1987 水质 钙和镁总量的测定 EDTA滴定法
SEPA 2002 《水和废水监测分析方法》(第四版)国家环境保护总局(2002)
GB/T 5750.7-2006 生活饮用水标准检验方法 有机物综合指标 高锰酸钾滴定法
HJ 535-2009 水质 氨氮的测定 纳氏试剂分光光度法
HJ 84-2016 水质 无机阴离子的测定 离子色谱法
HJ 503-2009 水质 挥发酚的测定 4-氨基安替比林分光光度法
HJ 484-2009 水质 氰化物的测定 容量法和分光光度法
GB/T 5750.6-2006 生活饮用水标准检验方法 金属指标 原子荧光法
HJ 700-2014 水质65种元素的测定 电感耦合等离子体质谱法
GB/T 7467-1987 水质 六价铬的测定 二苯碳酰二肼分光光度法
HJ 533-2009 环境空气和废气 氨的测定 纳氏试剂分光光度法
GB/T 14675-1993 空气质量 恶臭的测定 三点比较式臭袋法
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/T 398-2007 固定污染源排放 烟气黑度的测定 林格曼烟气黑度图法
GB/T 16157-1996 及其修改单 固定污染源排气中颗粒物测定与气态污染物采样方法



方法:GB/T 6920-1986

仪器名称	型号	仪器编号	出厂序号
pH/ORP/电导率/溶解氧测量仪	SX751	ENV512	SX751X18041007

方法:SEPA 2002

仪器名称	型号	仪器编号	出厂序号
电子天平	BSA224S	CHEM-004-F	24091763

方法:HJ 535-2009

仪器名称	型号	仪器编号	出厂序号
便携式分光光度计	DR2800	CHEM-003-C	1284054

方法:HJ 84-2016

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 503-2009

仪器名称	型号	仪器编号	出厂序号
便携式分光光度计	DR2800	CHEM-003-C	1284054

方法:HJ 484-2009

仪器名称	型号	仪器编号	出厂序号
便携式分光光度计	DR2800	CHEM-003-C	1284054

方法:GB/T 5750.6-2006

仪器名称	型号	仪器编号	出厂序号
原子荧光光度计	AFS-930	CHEM-041-A	930-1109831Z9

方法:HJ 700-2014

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:GB/T 7467-1987

仪器名称	型号	仪器编号	出厂序号
便携式分光光度计	DR2800	CHEM-003-C	1284054

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
空盒气压表	DYM3	ENV444	16072622
温湿度计	TES-1360A	ENV518	171003711
防爆大气采样器	FCC-1500D	ENV535	18009816
防爆大气采样器	FCC-1500D	ENV541	18009822
防爆大气采样器	FCC-1500D	ENV542	18009823
防爆大气采样器	FCC-1500D	ENV544	18009825
臭气一体采样器	/	ENV589	/
臭气一体采样器	/	ENV590	/

方法:HJ 533-2009

仪器名称	型号	仪器编号	出厂序号
便携式分光光度计	DR2800	CHEM-003-C	1284054

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
自动烟尘/气测试仪	LAOYING 3012H	ENV556	A11030112


 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-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

低浓度自动烟尘烟气综合测试仪	ZR-3260D	ENV559	3260D19058379
双路烟气采样器	ZR-3710	ENV592	371019053484

方法:GB/T 16157-1996

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:SEPA 2003

仪器名称	型号	仪器编号	出厂序号
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/T 398-2007

仪器名称	型号	仪器编号	出厂序号
黑度板	/	ENV554	/

方法:GB/T 16157-1996

仪器名称	型号	仪器编号	出厂序号
电子天平	BSA224S	CHEM-004-F	24091763





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-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.sgs.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	镉、铊及其化合物	镉、砷、铅、铬、钴、铜、 锰、镍及其化合物	限值	
	排放浓度 (mg/m ³)	排放浓度 (mg/m ³)	镉、铊及其化合物 (mg/m ³)	镉、砷、铅、铬、钴、铜、 锰、镍及其化合物 (mg/m ³)
TJE20-00321.015	0.0000108	0.0115	0.1	1.0
TJE20-00321.016	0.0000224	0.0174		
TJE20-00321.017	0.0000111	0.0131		
TJE20-00321.018	0.0000457	0.0632		
TJE20-00321.019	0.0000333	0.0138		
TJE20-00321.020	0.0000234	0.0219		

*** 以下空白 ***



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