

检测报告

客户信息

实验室信息

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订单号 -
样品 废气(3)
项目 -

报告编号 TJE20-02314 R0
SGS编号 0000020014
报告日期 2020/12/15

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



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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

- 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



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分析指标	方法	单位	检出限	限值	检测结果
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实验室编号	20-02314.001	20-02314.002	20-02314.003
检测类别	有组织	有组织	有组织
样品描述	-	-	-
采样日期	2020/12/08	2020/12/08	2020/12/08

分析指标	方法	单位	检出限	限值	检测结果
采样位置	-	-	-	-	焚烧炉2#废气排口 焚烧炉2#废气排口 焚烧炉2#废气排口
采样时间	-	-	-	-	10:09-11:09 11:54-12:54 12:58-13:58
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	-	-	150 145 150
烟气流速	GB/T 16157	m/s	-	-	16.2 14.5 16.1
含湿量	GB/T 16157	%	-	-	20.6 20.3 20.9
标干气量	GB/T 16157	m ³ /h	-	-	6.08 X 10 ⁴ 5.51 X 10 ⁴ 6.00 X 10 ⁴
静压	GB/T 16157	kPa	-	-	-0.14 -0.12 -0.12
氧含量	SEPA 2003	%	-	-	11.0 11.6 11.1
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	<2.50×10 ⁻³ <2.66×10 ⁻³ <2.53×10 ⁻³
汞(排放速率)	HJ 543	kg/h	-	-	<1.52×10 ⁻⁴ <1.38×10 ⁻⁴ <1.50×10 ⁻⁴
铬(排放浓度)	HJ 657	µg/m ³	0.15	-	2.3 0.16 34
铬(折算浓度)	HJ 657	µg/m ³	-	-	2.27 0.165 34.9
铬(排放速率)	HJ 657	kg/h	-	-	1.38×10 ⁻⁴ 8.53×10 ⁻⁶ 2.07×10 ⁻³
铊(排放浓度)	HJ 657	µg/m ³	0.005	-	<0.005 <0.005 <0.005
铊(折算浓度)	HJ 657	µg/m ³	-	-	<5.00×10 ⁻³ <5.32×10 ⁻³ <5.05×10 ⁻³
铊(排放速率)	HJ 657	kg/h	-	-	<3.04×10 ⁻⁷ <2.76×10 ⁻⁷ <3.00×10 ⁻⁷
铜(排放浓度)	HJ 657	µg/m ³	0.1	-	<0.1 <0.1 3.8
铜(折算浓度)	HJ 657	µg/m ³	-	-	<0.100 <0.106 3.85
铜(排放速率)	HJ 657	kg/h	-	-	<6.08×10 ⁻⁶ <5.51×10 ⁻⁶ 2.28×10 ⁻⁴
锰(排放浓度)	HJ 657	µg/m ³	0.04	-	0.63 <0.04 18
锰(折算浓度)	HJ 657	µg/m ³	-	-	0.630 <0.0426 18.6
锰(排放速率)	HJ 657	kg/h	-	-	3.83×10 ⁻⁵ <2.21×10 ⁻⁶ 1.10×10 ⁻³
铈(排放浓度)	HJ 657	µg/m ³	0.015	-	<0.015 <0.015 <0.015
铈(折算浓度)	HJ 657	µg/m ³	-	-	<0.0150 <0.0160 <0.0152
铈(排放速率)	HJ 657	kg/h	-	-	<9.12×10 ⁻⁷ <8.27×10 ⁻⁷ <9.00×10 ⁻⁷
砷(排放浓度)	HJ 657	µg/m ³	0.1	-	<0.1 <0.1 0.8
砷(折算浓度)	HJ 657	µg/m ³	-	-	<0.100 <0.106 0.772
砷(排放速率)	HJ 657	kg/h	-	-	<6.08×10 ⁻⁶ <5.51×10 ⁻⁶ 4.58×10 ⁻⁵
镉(排放浓度)	HJ 657	µg/m ³	0.005	-	<0.005 <0.005 0.006
镉(折算浓度)	HJ 657	µg/m ³	-	-	<5.00×10 ⁻³ <5.32×10 ⁻³ 6.00×10 ⁻³
镉(排放速率)	HJ 657	kg/h	-	-	<3.04×10 ⁻⁷ <2.76×10 ⁻⁷ 3.56×10 ⁻⁷
钴(排放浓度)	HJ 657	µg/m ³	0.005	-	0.041 0.014 2.5
钴(折算浓度)	HJ 657	µg/m ³	-	-	0.0414 0.0153 2.56
钴(排放速率)	HJ 657	kg/h	-	-	2.52×10 ⁻⁶ 7.92×10 ⁻⁷ 1.52×10 ⁻⁴
铅(排放浓度)	HJ 657	µg/m ³	0.1	-	<0.1 <0.1 <0.1
铅(折算浓度)	HJ 657	µg/m ³	-	-	<0.100 <0.106 <0.101
铅(排放速率)	HJ 657	kg/h	-	-	<6.08×10 ⁻⁶ <5.51×10 ⁻⁶ <6.00×10 ⁻⁶
镍(排放浓度)	HJ 657	µg/m ³	0.1	-	2.1 1.2 110
镍(折算浓度)	HJ 657	µg/m ³	-	-	2.14 1.23 112
镍(排放速率)	HJ 657	kg/h	-	-	1.30×10 ⁻⁴ 6.35×10 ⁻⁵ 6.68×10 ⁻³



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采样地址：天津市蓟州区别山镇西九户村东北1000米。

限值：GB 18485-2014《生活垃圾焚烧污染控制标准》表4。

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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 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 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



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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
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
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 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 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


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项目 样品编号	镉、铊及其化合物	锑、砷、铅、铬、钴、铜、锰、镍及其化合物	限值	
	排放浓度 ($\mu\text{g}/\text{m}^3$)	排放浓度 ($\mu\text{g}/\text{m}^3$)	镉、铊及其化合物 ($\mu\text{g}/\text{m}^3$)	锑、砷、铅、铬、钴、铜、锰、镍及其化合物 ($\mu\text{g}/\text{m}^3$)
TJE20-02314.001	0	5.08	100	1000
TJE20-02314.002	0	1.41		
TJE20-02314.003	0.00600	173		

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