

测试报告

No. TSNEC1800393702

日期: 2018年03月16日 第1页,共6页

邢台钢铁有限责任公司
河北省邢台市钢铁南路262号

以下测试之样品是由申请者所提供及确认: 热轧圆盘条

SGS工作编号: TP18-001436 - TJ
主要成份: 铁
型号: XG10B21
客户参考信息: 其他型号: 见附页
样品接收日期: 2018年03月12日
测试周期: 2018年03月12日 - 2018年03月15日
测试要求: 根据客户要求测试
测试方法: 请参见下一页
测试结果: 请参见下一页
结论: 基于所送样品进行的测试, 镉、铅、汞、六价铬、多溴联苯(PBBs)、多溴二苯醚(PBDEs)的测试结果符合欧盟RoHS指令2011/65/EU附录II的修正指令(EU) 2015/863的限值要求。

通标标准技术服务(天津)有限公司
授权签名

Reabeca Zhou周艳
批准签署人



备注: 根据客户申请, SGS出具了此中文报告, 英文版本可根据客户要求提供。(The Chinese test report is issued according to the applicant's request. The English version is available from SGS if further needed)



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测试结果:

测试样品描述:

| 样品编号 | SGS样品ID | 描述 |
|------|------------------|-------|
| SN1 | TSN18-003937.001 | 灰色金属棒 |

备注:

- (1) 1 mg/kg = 0.0001%
- (2) MDL = 方法检测限
- (3) ND = 未检出 (< MDL)
- (4) "-" = 未规定

RoHS指令2011/65/EU附录II的修正指令(EU) 2015/863

测试方法: 参考IEC 62321-5:2013, IEC 62321-4:2013+AMD1:2017, IEC 62321-7-1:2015, IEC 62321-6:2015, 采用ICP-OES,UV-Vis和GC-MS进行分析.

| 测试项目 | 限值 | 单位 | MDL | 001 |
|----------------|------|--------------------|------|-----|
| 镉(Cd) | 100 | mg/kg | 2 | ND |
| 铅(Pb) | 1000 | mg/kg | 2 | ND |
| 汞(Hg) | 1000 | mg/kg | 2 | ND |
| 六价铬(Cr(VI))▼ | - | µg/cm ² | 0.10 | ND |
| 多溴联苯之和(PBBs) | 1000 | mg/kg | - | ND |
| 一溴联苯 | - | mg/kg | 5 | ND |
| 二溴联苯 | - | mg/kg | 5 | ND |
| 三溴联苯 | - | mg/kg | 5 | ND |
| 四溴联苯 | - | mg/kg | 5 | ND |
| 五溴联苯 | - | mg/kg | 5 | ND |
| 六溴联苯 | - | mg/kg | 5 | ND |
| 七溴联苯 | - | mg/kg | 5 | ND |
| 八溴联苯 | - | mg/kg | 5 | ND |
| 九溴联苯 | - | mg/kg | 5 | ND |
| 十溴联苯 | - | mg/kg | 5 | ND |
| 多溴二苯醚之和(PBDEs) | 1000 | mg/kg | - | ND |
| 一溴二苯醚 | - | mg/kg | 5 | ND |
| 二溴二苯醚 | - | mg/kg | 5 | ND |
| 三溴二苯醚 | - | mg/kg | 5 | ND |
| 四溴二苯醚 | - | mg/kg | 5 | ND |



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| 测试项目 | 限值 | 单位 | MDL | 001 |
|-------|----|-------|-----|-----|
| 五溴二苯醚 | - | mg/kg | 5 | ND |
| 六溴二苯醚 | - | mg/kg | 5 | ND |
| 七溴二苯醚 | - | mg/kg | 5 | ND |
| 八溴二苯醚 | - | mg/kg | 5 | ND |
| 九溴二苯醚 | - | mg/kg | 5 | ND |
| 十溴二苯醚 | - | mg/kg | 5 | ND |

备注:

(1) 最大允许限值引用自RoHS指令(EU) 2015/863.

IEC 62321系列等同于 EN 62321系列

http://www.cenelec.eu/dyn/www/f?p=104:30:1742232870351101:::FSP_ORG_ID,FSP_LANG_ID:1258637,25

(2) ▼=a. 当六价铬的浓度高于0.13 µg/cm²时, 样品为阳性, 即含有六价铬;

b. 当六价铬的浓度为ND(低于0.10 µg/cm²)时, 样品为阴性, 即未检测到六价铬;

c. 当六价铬的浓度介于0.10 µg/cm²与0.13 µg/cm²之间时, 无法直接判定是否检测到六价铬, 因不同个体的样品表面差异可能会影响测定结果;

由于未获知样品的存储条件和生产日期, 样品的六价铬测试结果仅能代表测试时样品含六价铬的状态. 检测报告仅用于客户科研、教学、内部质量控制、产品研发等目的, 仅供内部参考。



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附页:

XGSWRCH6AB-22AB、SWRCH6AB-22AB、D106BT、D108BT、SAE1006B-1018B、SAE1006-Ti、SAE1008-Ti、SAE1010-Ti、SAE1018-Ti、SAE10B15、XGML08AI、ML35、15CrMo、35CrMo、ML42CrMo、ML20Cr、XGML20Cr、QML20Cr-B、ML40Cr、XGML40Cr、GML40Cr、SAE10B22、SWRCH6A+Ti、SWRCH18ATi、SWRCH22A+Ti、QSWRCH18AB-B、ML15AI、ML35、SWRCH6-22A、XGSWRCH6-22A、SWRCH10-45K、XGSWRCH10-45K、XGSWRCH35K-1、50BV30、SAE6150、B7、SCM420/435/440、GSCM420-C、GSCM435-A、GSCM435-B、GSCM435-C、QSCM435-A、QSCM435-B、QSCM435-C、QSWRCH35K-B、GSRWCH10A-B、QSWRCH10A-B、G10B21-C、G10B21-A、G10B21-B、10B25、10B21、XG15B25、15B25、C4C、C10C、XG10B21、10B28、XG10B28、10B30、XG10B30、10B33、XG10B33、XG10B33M、SAE1008-1018、ML20MnTiB、35ACR、XG35ACR、40ACR、XG40ACR、S35C、GS35C-A、XGS35C、S45CB、XGS45CB、16MnCr5、20MnB4、G33B2-B、MnB123H、ML45Mn2、QML45Mn2、1215、1215MS-1、51B20、XGS15C-45C、S15C-45C、XGML20MnTiB、20CrMo、20CrMnTi、30CrMnTi、Cq15、35VB、LY1、LY、CH1T、CH1A、XGM6-1、GCr15、GCr15-Y、GCr15-L、GCr15-ZWZ、GCr15-LX、GCr15-LX1、XGLX82A、XGLX72A-1、XGLX72B、55SiCrA-1、55SiCrA、60Si2MnA、60Si2CrA、SWRS82B等相关细分牌号产品

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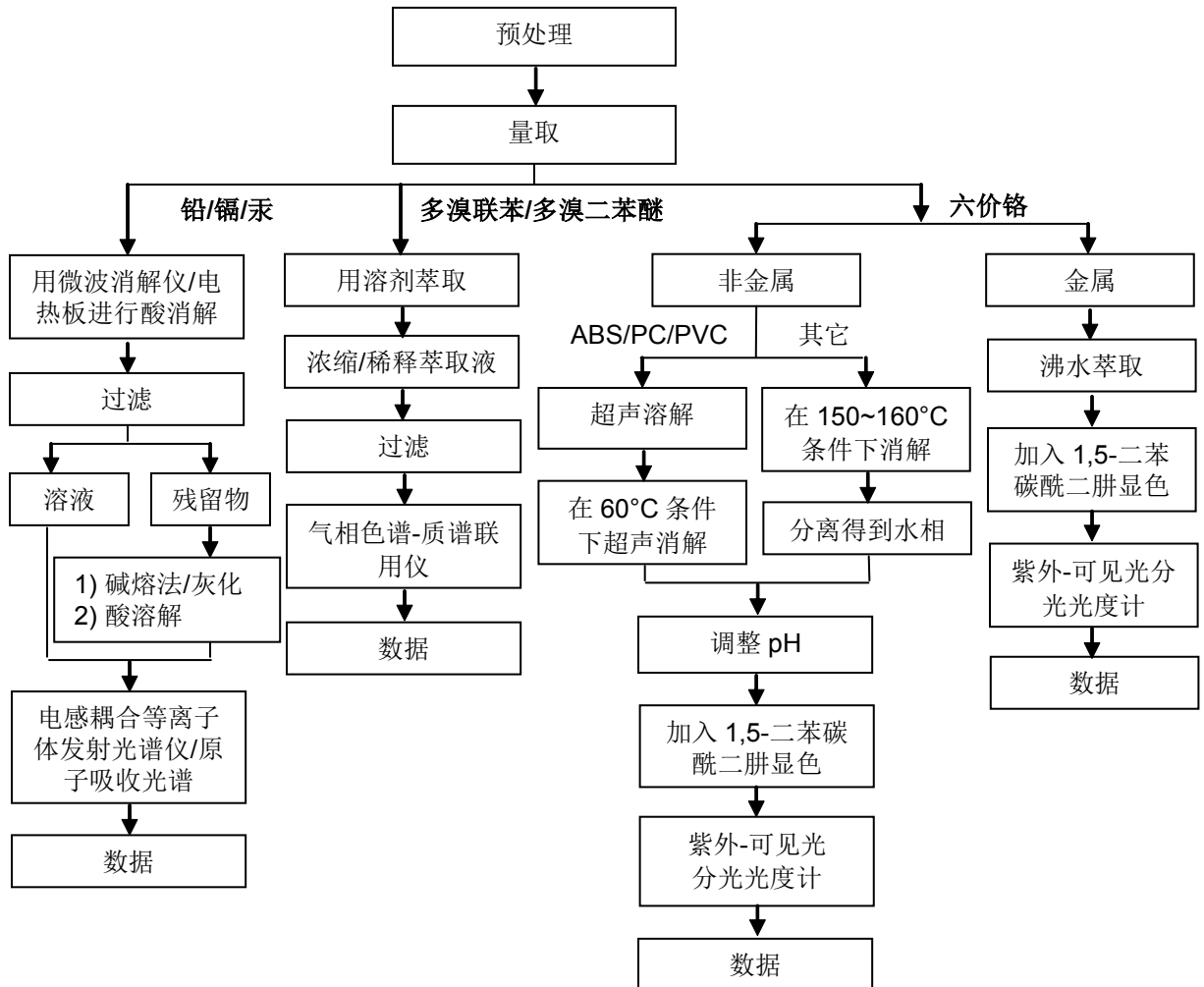
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附件

Pb/Cd/Hg/Cr⁶⁺/PBBs/PBDEs 测试流程图

- 1) 分析人员: 张盼/王晶/王海颖
- 2) 项目负责人: 王富强/朱敏
- 3) 样品按照下述流程被完全消解(六价铬和多溴联苯/多溴二苯醚测试除外)。



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