

## 测试报告

No. TSNEC1700934802

日期: 2017年06月06日 第1页 共 页

本钢板材股份有限公司特殊钢厂  
中国辽宁省本溪市平山区钢铁路

以下测试之样品是由申请者所提供及确认: 热轧圆棒

S S工作编号: T 17 004017 T  
样品接收日期: 2017年0 月24日  
测试周期: 2017年0 月24日 2017年06月06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、多溴二苯醚 E、邻苯二甲酸酯 (如邻苯二甲酸二丁酯、邻苯二甲酸丁苯酯、邻苯二甲酸二乙基己基酯 E 和邻苯二甲酸二异丁酯) 的测试结果符合欧盟 o S指令2011 6 E 附录 的修正指令 E 201 863的限值要求。

通标标准技术服务(天津)有限公司  
授权签名



o 周艳

批准签署人

备注: 根据客户申请 S S出具了此中文报告 英文版本可根据客户要求提供. T C o  
o o . T E o o S S



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

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日期: 2017年06月06日 第2页 共 页

测试结果:

### 测试样品描述:

样品编号	S S样品	描述
SN1	TSN17 009348.001	银灰色金属板

备注:

1	1	0.0001
2		方法检测限
3	N	未检出
4		未规定

### o S 指令2011 6 E 附录 的修正指令 E 201 863

- 测试方法:
- 1 参考 EC 62321 :2013, 用 C ES测定镉的含量
  - 2 参考 EC 62321 :2013, 用 C ES测定铅的含量
  - 3 参考 EC 62321 4:2013, 用 C ES测定汞的含量
  - 4 参考 EC 62321 7 1:201 用紫外 可见分光光度计比色法测定六价格的含量  
参考 EC 62321 6:201 , 用 C S测定 多溴联苯 和 E 多溴二苯醚 的含量
  - 6 参考 EC 62321 8:2017, 用 C S测定邻苯二甲酸酯的含量

测试项目	限值	单位	001
镉 C	100	2	N
铅	1000	2	N
汞	1000	2	N
六价格 C		0.10	N
多溴联苯之和	1000		N
一溴联苯			N
二溴联苯			N
三溴联苯			N
四溴联苯			N
五溴联苯			N
六溴联苯			N
七溴联苯			N
八溴联苯			N
九溴联苯			N
十溴联苯			N
多溴二苯醚之和 E	1000		N
一溴二苯醚			N

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## 测试报告

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测试项目	限值	单位	001
二溴二苯醚			N
三溴二苯醚			N
四溴二苯醚			N
五溴二苯醚			N
六溴二苯醚			N
七溴二苯醚			N
八溴二苯醚			N
九溴二苯醚			N
十溴二苯醚			N
邻苯二甲酸二丁酯	1000	0	N
邻苯二甲酸丁苄酯	1000	0	N
邻苯二甲酸二(2-乙基己基)酯 E	1000	0	N
邻苯二甲酸二异丁酯	1000	0	N

### 备注:

1 最大允许极限值引用自 o S指令 E 201 863.

EC 62321系列等同于 EN 62321系列

104:30:17422328703 1101::: S S N :  
12 8637 2

2 当六价铬的浓度高于0.13 时 样品为阳性 即含有六价铬  
 . 当六价铬的浓度为N 低于0.10 时 样品为阴性 即未检测到六价铬  
 . 当六价铬的浓度介于0.10 与0.13 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.

3 201 年6月4号发表在欧盟官方杂志 (官方公报) 上的 o S指令 E 201 863附录 限值中还包括邻苯二甲酸酯 , , E 和 . 新的指令限制了电子电器产品的每一个均一材质中邻苯二甲酸酯含量不得超过0.1 .

4 2021年7月22号开始, E 和 的限制适用于医疗器械, 包括体外医疗器械, 监控仪表, 包括工业监测和控制仪器.

E 和 的限制不适用于2019年7月22日前投放市场的电缆及电子电气产品中用于维修、重复利用、功能更新及容量提升的备用配件以及2021年7月22日前投放市场的医疗器械, 包括体外医疗器械, 监控仪表, 包括工业监测和控制仪器.

6 E 、 和 的限制不适用于玩具产品, 因为No.1907 2006附录 第 1条已对玩具产品中的 E 、 和 含量进行了限制.



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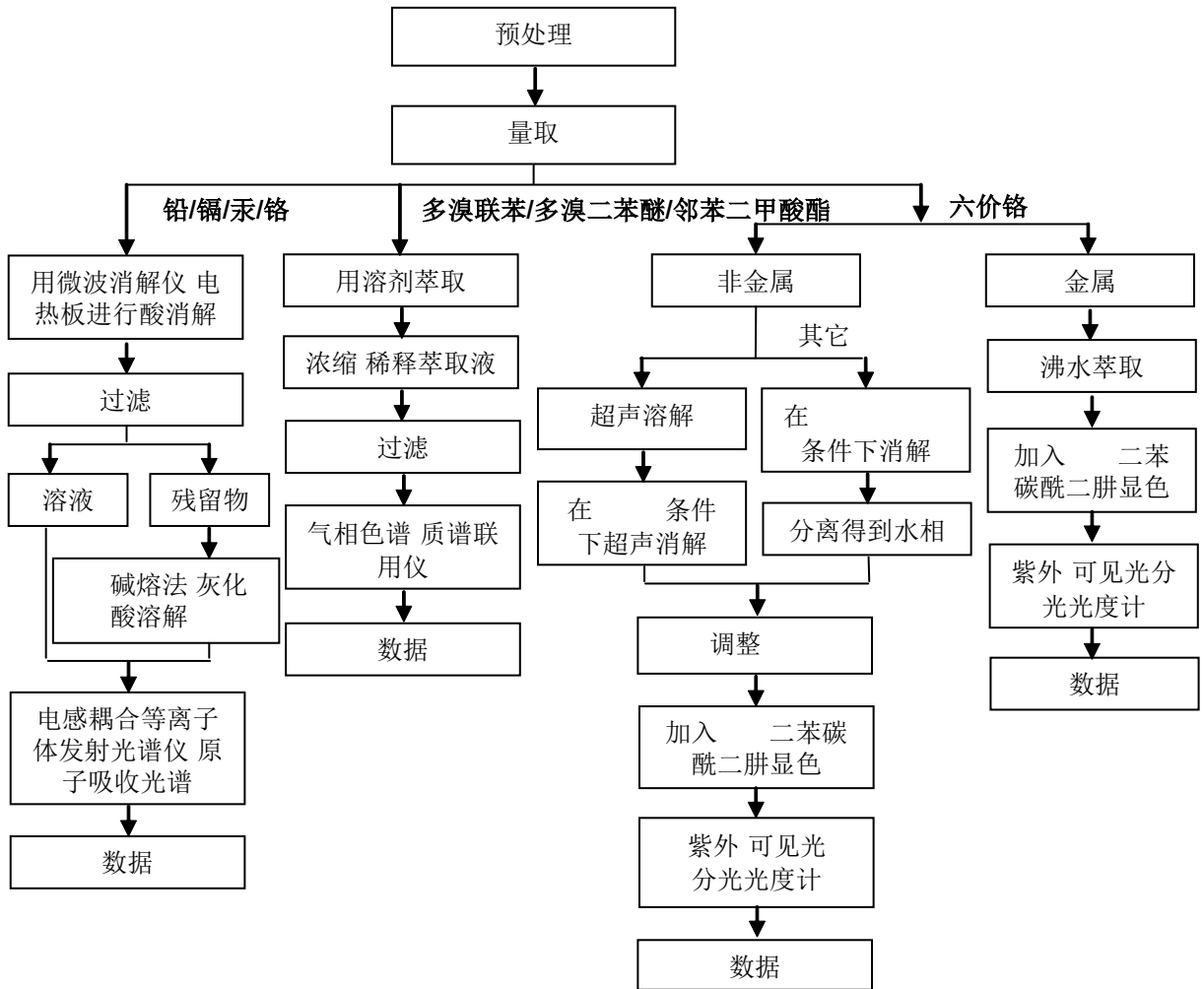
附件

## Pb/Cd/Hg/Cr<sup>6+</sup>/PBBs/PBDEs/Phthalates 测试流程图

分析人员: 张盼 刘占文 王海颖 陈希涵

项目负责人: 王富强 朱敏

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 邻苯二甲酸酯测试除外)。



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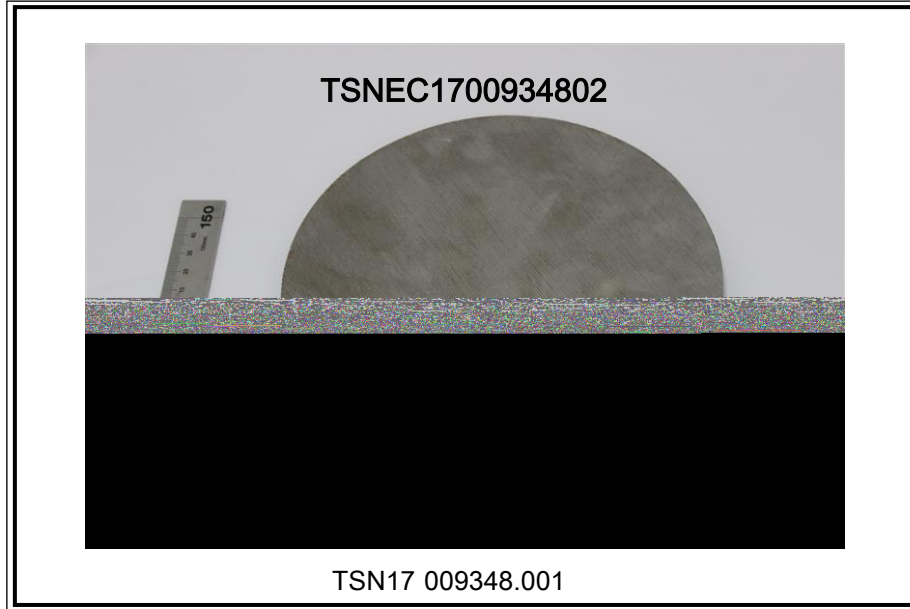
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样品照片:



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报告完



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