

No. SHAEC1307267602 A01 日期: 2013年05月22日 第1页,共6页

上海梅山钢铁股份有限公司 江苏省南京市中华门外新建

此报告替代原来编号为SHAEC1307267602 日期为2013/05/15的报告

以下测试之样品是由申请者所提供及确认:镀铝锌无铬耐指纹(镀层+涂层)

SGS工作编号: SP13-011742 - SH 样品接收日期: 2013年04月26日

测试周期: 2013年04月26日 - 2013年05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: 基于所送样品的指定部位进行的测试,镉、铅、汞、六价铬的测试结果符合欧

盟RoHS指令2002/95/EC的重订指令2011/65/EU附录Ⅱ的限值要求。

通标标准技术服务有限公司 授权签名

JJ Fan 范晶捷 批准签署人

本报告是编号为SHAEC1307267601A01报告的中文版本.

ighail Co. Ltd. 1

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/terms_and_conditions. http://www.sgs.com/terms_and_conditions. http://www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability interpretation 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 piecewition only any 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 for prevexericing all this yights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. This was 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.

3^{rg}Building,No.889 Yishan Road Xuhui District,Shanghai China 200233 中国・上海・徐江区宜山路889号3号楼 邮编: 200233 

No. SHAEC1307267602 A01 日期: 2013年05月22日 第2页,共6页

测试结果:

测试样品描述:

样品编号	SGS样品ID	描述
1	SHA13-072676.001	银色金属板
2	SHA13-072676.002	银色金属板

备注:

- (1) 1 mg/kg = 1 ppm = 0.0001%
- (2) MDL = 检测极限值
- (3) ND = 未检出 (< MDL)
- (4) "-" = 未规定

RoHS指令2011/65/EU

测试方法: (1) 酸洗脱镀层,参考IEC62321:2008测定镉,铅,汞,用ICP-OES进行分析.

(2) 参照IEC 62321:2008, 用点测试法/紫外-可见分光光度计比色法测定六价铬的含量.

<u>测试项目</u>	限值	单位	<u>MDL</u>	<u>001</u>
铅(Pb)	1000	mg/kg	10	64
镉(Cd)	100	mg/kg	10	ND
汞(Hg)	1000	mg/kg	10	ND
六价铬(CrVI)	-	-	\Diamond	阴性

备注:

- (1) 最大允许极限值引用自指令2011/65/EU 附录II.
- (2) ◊点测试法:

阴性=镀层中未检测到六价铬,阳性=镀层中检测到六价铬;

(当点测试结果为阴性或无法确定时,将采用沸水萃取法作进一步的结果验证.)

◇沸水萃取法:

阴性 = 镀层中未检测到六价铬

阳性 = 镀层中检测到六价铬; 表明50 cm²表面积的被测试样品的沸水萃取液中六价铬的浓度等于或大于0.02 mg/kg

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.

全氟辛烷磺酰基化合物(PFOS)和全氟辛酸(PFOA)

测试方法: 参照US EPA 3550C: 2007 方法测定, 采用HPLC-MS进行分析.

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/terms_and_conditions. The Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability interpretation 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 interpretation 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 for preferencising all this highly shifts and obligations under the transaction document cannot be reproduced except in full, without prior written approval of the Company. It is 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.

If the company is a state of the content or appearance of the sample(s) tested.

3rdBuilding,No.889 Yishan Road Xuhui District,Shanghai China 200233 中国・上海・徐汇区宜山路889号3号楼 邮编: 200233 www.cn.sgs.com e sgs.china@sgs.com



测试报告 No. SHAEC1307267602 A01 日期: 2013年05月22日 第3页,共6页

 测试项目
 限值
 单位
 MDL
 002

 全氟辛烷磺酰基化合物 (PFOS)- 酸,金属盐和酰胺
 1
 μg/m²
 1
 ND

 全氟辛酸 (PFOA)
 μg/m²
 1
 ND

备注:

最大允许限制引用自(EC) No. 850/2004的修订指令欧盟决议(EU) No. 757/2010.

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/terms_and_conditions. It is a condition of the limitation of liability in the printed the content of the limitation of liability in the printed the content of the limitation of liability in the limits of clients instructions, if any. The Company's sole responsibility is to its client and this document does not exonerate parties to a transaction for prevention only and within the limits of clients instructions, if any. The Company's sole responsibility is to its client and this document does not exonerate parties to a transaction for prevention of the company of the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. It is 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.

nghai Co.l.id 3^{ri}Building,No.889 Yishan Road Xuhui District,Shanghai China 200233 中国 - 上海 · 徐汇区宜山路889号3号楼 邮编: 200233

t E&E (86-21) 61402553 f E&E (86-21)64953679 HL: (86-21) 61402594 HL: (86-21)54500353

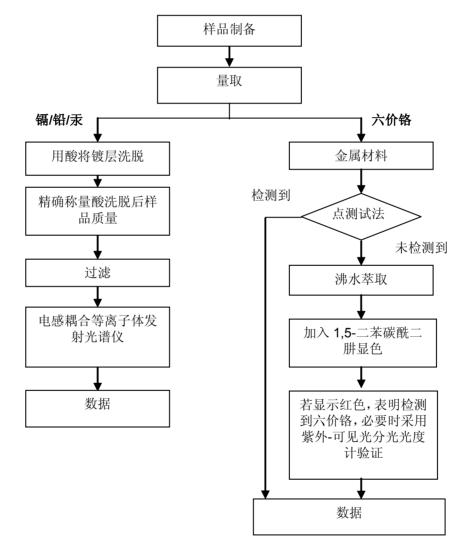


No. SHAEC1307267602 A01 日期: 2013年05月22日 第4页,共6页

附件

镀层 Pb/Cd/Hg/Cr6+测试流程图

- 1) 分析人员: 王彦青/肖飞
- 2) 项目负责人: 张春华/徐亮
- 3) 铅、镉、汞的酸洗脱测试为完全消解。



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/terms_and_conditions. http://www.sgs.com/terms_and_conditions. http://www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability integers that incompany is a subject to a the subject to the company is findings. The company is sole responsibility is to its Client and this document does not exonerate parties to a transaction for prevencing all this highs wights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. It is 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.

nghai Co.Lld 3^{**}Building,No.889 Yishan Road Xuhui District,Shanghai China 200233 中国 - 上海 · 徐汇区宜山路889号3号楼 邮编: 200233

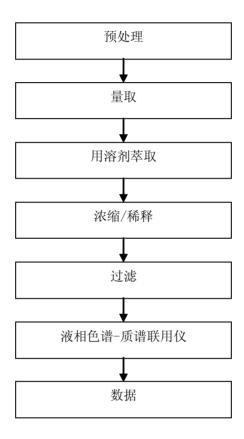
t E&E (86–21) 61402553 f E&E (86–21)64953679 HL: (86–21) 61402594 HL: (86–21)54500353



No. SHAEC1307267602 A01 日期: 2013年05月22日 第5页,共6页

PFOS/PFOA 测试流程图

1) 分析人员: 李晓茹 2) 项目负责人: 马永存



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/terms_and_conditions. The conditions of Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability in farmy first to an 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 for exercising all this hights and obligations under the transaction documents adocument cannot be reproduced except in full, without prior written approval of the Company. Any another its unlawful and offenders may be prosecuted to the fullest extent of the law.

The solution of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

The solution of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.



No. SHAEC1307267602 A01

日期: 2013年05月22日

第6页,共6页

样品照片:





此照片仅限于随SGS正本报告使用

*** 报告完 ***

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/terms_and_conditions. http://www.sgs.com/terms_and_conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability integrant to an adjurisdiction 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 onlyang 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 for preferencising all this hybrits and obligations under the transaction document. This document cannot be reproduced except in full, without prior written approval of the Company.

If you have the produced except in full, without prior written approval of the Company.

If you have the produced except in full, without prior written approval of the Company.

If you have the produced except in full, without prior written approval of the Company.

If you have the produced except in full, without prior written approval of the Company.

If you have the produced except in full, without prior written approval of the Company.

If you have the produced except in full, without prior written approval of the Company.

If you have the produced except in full, without prior written approval of the Company.

If you have the produced except in full, without prior written approval of the Company.

If you have the prior the prior written approval of the Company.

If you have the prior the pri