

测试报告 (SVHC)

No. SHAEC1302712501

日期: 2013年03月12日 第1页,共7页

宝钢不锈钢有限公司
上海市宝山区长江路735号

以下测试之样品是由申请者所提供及确认: 304

SGS工作编号: SP13-004315 - SH

型号: NO.4

样品接收日期: 2013年02月27日

测试周期: 2013年02月27日 - 2013年03月12日

测试要求: 根据客户要求,

(i) 基于欧洲化学品管理署截止2012年12月19日公布的供授权审议的高关注物质候选清单(根据欧盟第1907/2006号REACH法规), 对几种高关注物质进行筛分测试.

测试结果: 请参见下一页

总结:

根据具体的测试范围和分析技术, 委托样品中, 测试的高关注物质浓度都 \leq 0.1%.

通过

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

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.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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.



测试报告 (SVHC)

No. SHAEC1302712501

日期: 2013年03月12日 第2页,共7页

备注:

- (1) 本报告所涉及的关于特定高关注物质的化学分析是根据欧洲化学品管理署发布的下列文件, 利用现有的分析技术完成的。

<http://echa.europa.eu/web/guest/candidate-list-table>

这些文件清单由欧洲化学品管理署评估, 将来可能会有变化。

- (2) 关于物品:

根据欧盟第1907/2006 (EC) 号法规, 如果满足以下两个条件, 如果物质符合第57条中的标准并根据第59条第一款被确定, 物品的任何欧洲制造商或进口商应根据第7条第4款向欧盟化学品管理署进行通报:

(a) 候选清单中的物质在物品中的总含量超过1吨/年/生产商或进口商; (b) 候选清单中的物质在物品中的总含量以质量分数计超过0.1% 的浓度。

欧盟第1907/2006 (EC) 号法规第33条规定, 含有满足第57条中的标准并根据第59条第一款被确定且质量分数大于0.1%的物质的物品的所有供应商应向物品接受者提供其可获取的充足信息, 以使物品使用安全, 这些信息至少包括含有的候选清单中物质的名称。

SGS采用ECHA对物品中SVHC的解释, 除非另有说明。详细的解释请见下列网址:

http://webstage.contribute.sgs.net/corpreach/documents/SGS-CTS_SVHC-paper-EN-11.pdf

- (3) 关于材料:

报告中的测试结果是基于测试样品。如样品是均一材质, 当其构成成品时, 此结果不能代表成品中的SVHC浓度。如样品为均一材质等比例合测, 这些材质也可能来自不同的物品。

如果样品是一种物质或混合物, 并且直接出口到欧盟, 客户有责任遵守欧盟第1907/2006号REACH法规第31条供应链信息传递的义务和附件十四中的授权高关注物质授权的责任。

- (4) 关于物质和配制品:

如果样品中高关注物质的浓度超过0.1%(w/w)和/或欧盟第1272/2008号CLP法规和欧盟委员会条例第790/2009号中设定的特殊浓度限值, 建议客户根据欧盟第1907/2006号REACH法规对有关高关注物质准备安全数据表(SDS)以符合供应链传递信息的义务, 如:

- 根据欧盟第1272/2008号CLP法规被列为有害物质。

- 根据危险混合物指令1999/45/EC或欧盟第1272/2008号CLP法规被列为危险混合物, 而其浓度大于或等于危险混合物指令1999/45/EC第3条(3)中规定的限制数值或欧盟第1272/2008号CLP法规附件六第3部分列出的较低值;或

- 根据危险混合物指令1999/45/EC并未列为危险混合物, 但包含:

(a) 对人类健康或环境有害的物质, 而在固体或液体混合物(即非气体混合物)中其浓度 $\geq 1\%$ (w/w)或在气体混合物中占体积 $\geq 0.2\%$, 或

(b) PBT或vPvB物质, 在固体或液体混合物(即非气体混合物)中浓度 $\geq 0.1\%$ (w/w), 或

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.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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.

测试报告 (SVHC)

No. SHAEC1302712501

日期: 2013年03月12日 第3页,共7页

- (c) 授权审议的高关注物质候选清单上的物质（除上述以外的原因）在非气体混合物中的浓度 $\geq 0.1\%$ (w/w), 或
(d) 设有欧洲范围内工作场所接触限值的物质。

- (5) 如果样品中SVHC的测试结果超过报告限, 建议客户进一步定量分析检测含有SVHC的组分并且得到SVHC物质的准确浓度。

测试样品:

测试样品描述:

样品编号	SGS样品ID	描述
1	SHA13-027125.001	银色金属片

测试方法:

SGS内部方法-SHTC-CHEM-SOP-97-T, 采用 ICP-OES、UV-VIS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.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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.



测试报告 (SVHC)

No. SHAEC1302712501

日期: 2013年03月12日 第4页,共7页

测试结果:(候选清单中的高关注物质)

NO.	物质名称	CAS No.	EC No.	001 浓度 (%)	RL (%)
1	硅酸铝耐火陶瓷纤维*▲	650-017-00-8 (Index no.)	-	ND	0.005
2	重铬酸铵*	7789-09-5	232-143-1	ND	0.005
3	砷酸*	7778-39-4	231-901-9	ND	0.005
4	硼酸*	10043-35-3 11113-50-1	233-139-2 234-343-4	ND	0.005
5	砷酸钙*	7778-44-1	231-904-5	ND	0.005
6	铬酸, 铬酸及重铬酸低聚物, 重铬酸*	7738-94-5 13530-68-2	231-801-5 236-881-5	ND	0.005
7	三氧化铬*	1333-82-0	215-607-8	ND	0.005
8	碳酸钴*	513-79-1	208-169-4	ND	0.005
9	二氯化钴*	7646-79-9	231-589-4	ND	0.005
10	硝酸钴*	10141-05-6	233-402-1	ND	0.005
11	硫酸钴*	10124-43-3	233-334-2	ND	0.005
12	五氧化二砷*	1303-28-2	215-116-9	ND	0.005
13	三氧化二砷*	1327-53-3	215-481-4	ND	0.005
14	三氧化二硼*	1303-86-2	215-125-8	ND	0.005
15	铬酸铬*	24613-89-6	246-356-2	ND	0.005
16	无水四硼酸钠*	1303-96-4 1330-43-4 12179-04-3	215-540-4	ND	0.005
17	四氟硼酸铅*	13814-96-5	237-486-0	ND	0.005
18	铬酸铅*	7758-97-6	231-846-0	ND	0.005
19	钼铬红(C.I.颜料红104)*	12656-85-8	235-759-9	ND	0.005

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.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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.



测试报告
(SVHC)

No. SHAEC1302712501

日期: 2013年03月12日 第5页,共7页

NO.	物质名称	CAS No.	EC No.	001 浓度 (%)	RL (%)
20	氨基氰铅盐*	20837-86-9	244-073-9	ND	0.005
21	叠氮化铅*	13424-46-9	236-542-1	ND	0.005
22	硝酸铅*	10099-74-8	233-245-9	ND	0.005
23	砷酸氢铅*	7784-40-9	232-064-2	ND	0.005
24	一氧化铅*	1317-36-8	215-267-0	ND	0.005
25	碱式硫酸铅*	12036-76-9	234-853-7	ND	0.005
26	铅铬黄(C.I.颜料黄34)*	1344-37-2	215-693-7	ND	0.005
27	四氧化三铅*	1314-41-6	215-235-6	ND	0.005
28	钛酸铅*	12060-00-3	235-038-9	ND	0.005
29	钛酸铅铅*	12626-81-2	235-727-4	ND	0.005
30	硫酸四氧化五铅*	12065-90-6	235-067-7	ND	0.005
31	氢氧化铬酸锌*	49663-84-5	256-418-0	ND	0.005
32	铬酸钾*	7789-00-6	232-140-5	ND	0.005
33	重铬酸钾*	7778-50-9	231-906-6	ND	0.005
34	氢氧化铬酸锌钾*	11103-86-9	234-329-8	ND	0.005
35	铅锑黄*	8012-00-8	232-382-1	ND	0.005
36	掺杂铅的硅酸钡*	68784-75-8	272-271-5	ND	0.005
37	硅酸铅*	11120-22-2	234-363-3	ND	0.005
38	铬酸钠*	7775-11-3	231-889-5	ND	0.005
39	重铬酸钠*	7789-12-0 and 10588-01-9	234-190-3	ND	0.005
40	铬酸锶*	7789-06-2	232-142-6	ND	0.005
41	二碱式亚硫酸铅*	62229-08-7	263-467-1	ND	0.005
42	水合硼酸钠*	12267-73-1	235-541-3	ND	0.005

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.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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.



测试报告
(SVHC)

No. SHAEC1302712501

日期: 2013年03月12日 第6页,共7页

NO.	物质名称	CAS No.	EC No.	001 浓度 (%)	RL (%)
43	硫酸三氧化四铅*	12202-17-4	235-380-9	ND	0.005
44	碱式碳酸铅*	1319-46-6	215-290-6	ND	0.005
45	砷酸铅*	3687-31-8	222-979-5	ND	0.005
46	二碱式亚磷酸铅*	12141-20-7	235-252-2	ND	0.005
47	氧化锆硅酸铝耐火陶瓷纤维* ▲	650-017-00-8 (Index no.)	-	ND	0.005

注释:

(1) RL = 报告极限值, 所有RL是基于均一材质的测试。

ND = 未检出 (< RL), ND针对SVHC物质。

(2) * 测试结果是由选定的元素或标记物的结果并基于最坏的情况计算得出。详细信息请参见SGS REACH网站: www.reach.sgs.com/substance-of-very-high-concern-analysis-information-page.htm
硼化合物的结果由ICP-OES测试的水提取的硼元素、钠元素结果换算得出。

RL = 0.005% 是针对元素 (例如钴、砷、铅、钠、铬、铬(VI)、硅、铝、锆、钾、铈、锌、钙、锑、钛和钽), 除了钼的RL= 0.0005%, 硼的RL= 0.0025% (仅对四氟硼酸铅)。

(3) ▲2012年6月18日, 欧洲化学品管理署把2010年1月和2011年12月加入到供授权审议的SVHC候选清单中的二项硅酸铝耐火陶瓷纤维和二项氧化锆硅酸铝耐火陶瓷纤维整合, 清单上目前只有一项硅酸铝耐火陶瓷纤维和一项氧化锆硅酸铝耐火陶瓷纤维。

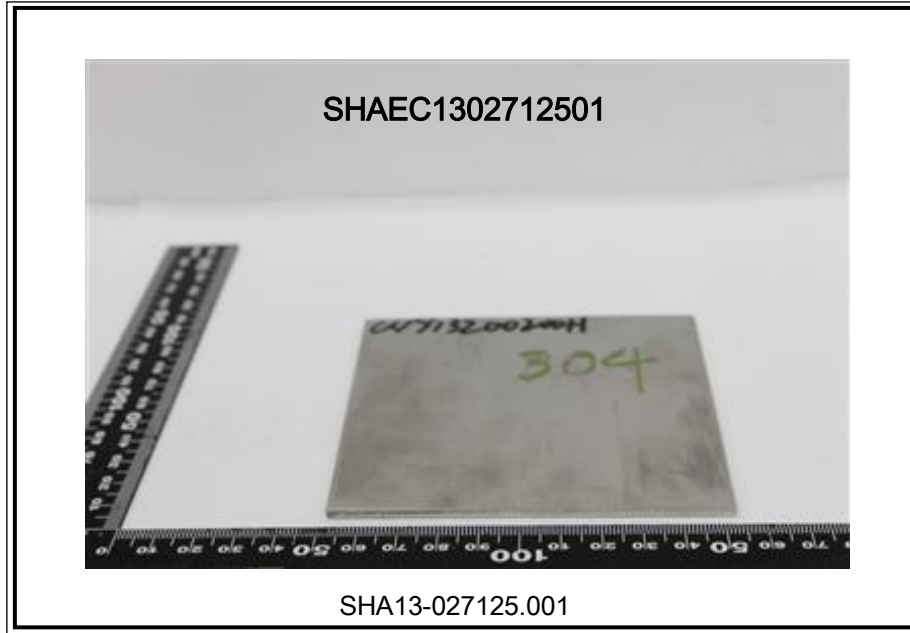
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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.

测试报告 (SVHC)

No. SHAEC1302712501

日期: 2013年03月12日 第7页,共7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.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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.

