

**Test Report** No: SHFDO100912912FDE Date: Sep 21 2010

Client name: BAOSTEEL IRON & STEEL CO.,LTD.

Client address: No.580 Changjiang Road, Baoshan Shanghai 200431, China

### The following sample(s) was/were submitted by/ on behalf of the client as:

Sample name: 2Cr13NH

Batch No./Date: / Manufacturer: Baosteel

SGS Reference No.: SHAFD1013376801 SGS Job No: SHFDO100912912FD

Date of receipt: Sep 14 2010

Testing period: Sep 14 2010 ~ Sep 19 2010

#### **TEST REQUESTED:**

Selected test(s) as requested by applicant:

In accordance with Toxicity test for compliance with the Ministerial Decree of 21 March 1973 (Italy).

- 1) For material: stainless steel Overall migration test.
- 2) For material: stainless steel Extractable Nickel

Extractable Chromium.

## **TEST METHOD:**

- 1) With reference to EN1186-1:2002 and EN 1186-3:2002 (total immersion) using the repeated condition. Extractive from 3rd duration was taken for analysis
- 2) With reference to EN 1186-1:2002 and EN 1186-3:2002 (total immersion) using the repeated condition. Extractive from 3rd duration was taken for analysis using ICP-OES

## **TEST RESULTS:**

Please refer to next page

#### **CONCLUSION:**

When tested as specified, the submitted samples complies with the requirements as stated in the Ministerial Decree of 21 March 1973 (Italy).

Remark: This test report is in English and maybe translated into other languages, The English version shall prevail.

Signed for and on behalf of SGS

## Page 1 of 2

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 This document is issued by the Company subject to its General Conditions of Service printed overlear, available on request or accessible at nigr-jrwww.sgs.com/rems\_and\_conditions for Electronic Documents at www.sgs.com/rems\_e-document.htm. Attention is drawn to the limitation of liability independent in the limits of company is findings at the time of its interention only any within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document occurrent. 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. results shown in this test report refer only to the sample(s) tested .

www.cn.sgs.com



No: SHFDO100912912FDE **Test Report** Date: Sep 21 2010

## **TEST RESULTS:**

1) Overall migration test

Simulant used	Condition	Test result (mg/dm²)	Maximum Permissible Limit (mg/dm²)
3% Acetic Acid	0.5 hour at 100°C	< 3.0	8.0

#### Notes:.

- (1) The result was got from the third extraction duration.
- (2) mg/dm<sup>2</sup>= milligram per square decimeter.

2) Extractable Nickel, Extractable Chromium

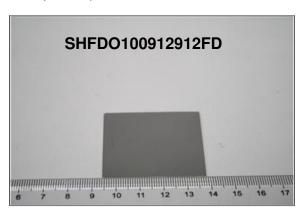
Simulant used: 3% Acetic Acid Condition: 0.5 hour at 100℃

Test item	Specific Migtation (mg/kg)	Method detection limit (mg/kg)	Maximum Permissible Limit (mg/kg)
Extractable Nickel	Not detected	0.05	0.1
Extractable Chromium	Not detected	0.05	0.1

#### Notes:

(1) mg/kg = milligram per kilogram.

SAMPLE DESCRIPTION: Silvery metal piece



\*\*\* End of Report\*\*\*

# Page 2 of 2

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <a href="http://www.sgs.com/terms\_and\_conditions.htm">http://www.sgs.com/terms\_and\_conditions.htm</a> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <a href="http://www.sgs.com/terms\_e-document.htm">www.sgs.com/terms\_e-document.htm</a>. Attention is drawn to the limitation of liability ind minimize the first of the company's findings at the time of its intervention of the company within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not experience at the company of the Company. Are company to the company of the company of the Company. Are company of the company. The company of the company of

SHFD

3<sup>rd</sup> Building, No. 889, Yishan Road, Shanghai, China 200233 t (86-21)61402666\*2785 f (86-21)54500454 t (86-21)61402666\*2785 f (86-21)54500454