



2014110347Z

Test Report

Report No.: 201524749-01E

Anti-fake: 00F467C6

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Client: SHANGHAI WINROCK INDUSTRIAL TECHNOLOGIES CO.,LTD

Address: Room 508 No.28 New Jinqiao RD Shanghai

Product: Test bar 1
Dimension: $\varnothing 26.48 L=200\text{mm}$
Sample Size: 2pcs
Material: 660B
Heat No.: 51122-0580
Other description The standard requirement: ASTM A453/453M-08

The information above is provided by the client. Our laboratory is not responsible for its authenticity.

Sample Source: Supplied by client
Sample Description: Intercepting sect,self-colored.
Receiving Date: 2015-11-11
Test Date: 2015-11-11~2015-11-16

Standard & Requirement:
The technical requirement supplied by client

Test Method & Result: See next page

Test Summary:
The results of test item meet the technical requirement supplied by client.

Reviewed by:



Approved by:

Report Date 2015/11/18



Declaration: 1. This test report shall be invalid if without the laboratory testing seal or signatures of authorized signatory 2.This test report shall be invalid if altered. 3.Our laboratory is only responsible for the original report.Copying, faxing, photocopying or electronic-text versions of the report is only for reference purpose. 4. This report is invalid if parted. 5.This report is responsible for designated samples only. 6.Any objection of the test result should be declared timely. The tested samples will be kept for 90 days. 7.If tested samples are returned or expired, retest will no longer be offered.

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| Test Item | Test Method | Requirements | Result |
|-------------------------------------|------------------|--------------|---------------------|
| C/% | GB/T 11170-2008 | ≤0.08 | 0.054 |
| Si/% | GB/T 11170-2008 | ≤1.0 | 0.54 |
| Mn/% | GB/T 11170-2008 | ≤2 | 1.45 |
| P/% | GB/T 11170-2008 | ≤0.04 | 0.008 |
| S/% | GB/T 11170-2008 | ≤0.03 | 0.003 |
| Cr/% | GB/T 11170-2008 | 13.5-16 | 14.37 |
| Ni/% | JIS G1258-2-2014 | 24-27 | 24.71 |
| Mo/% | GB/T 11170-2008 | 1.0-1.5 | 1.14 |
| V/% | GB/T 11170-2008 | 0.1-0.5 | 0.31 |
| Al/% | GB/T 11170-2008 | ≤0.35 | 0.13 |
| Ti/% | GB/T 11170-2008 | 1.9-2.35 | 2.08 |
| B/% | GB/T 11170-2008 | 0.001-0.01 | 0.004 |
| Tensile strength/MPa | ASTM F606-13 | ≥895 | 1051 |
| Yield strengthRp0.2/MPa | ASTM F606-13 | ≥585 | 756 |
| Elongation/% | ASTM F606-13 | ≥15 | 28.5 |
| Reduction of area/% | ASTM F606-13 | ≥18 | 49 |
| Hardness test (half raduis) /HRC | ASTM F606-13 | 24-37 | 31.8/32.0/31.5/32.0 |

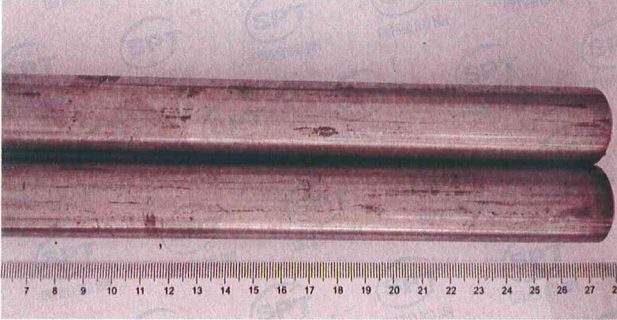
IN TEST
检测
★
实验专用
SEA

QUALITY
产品
检验
TEST

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| Test Item | Test Method | Requirements | Result |
|--|-------------|--------------|--------|
|  <p data-bbox="692 949 895 978">Before Testing</p> | | | |

This report goes into effect with 201524749-01 serial number,if they have conflict with each other, according as the 201524749-01 .

This report replaced the origin report E, the origin report is invalid.

Inspector: *Cui Zhemin Wang Jun Wang Xuan yuan*

REPORT FINALIZED

