



Test Report

Report No.: 201524750-01E

Anti-fake: 38D15077

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Client: SHANGHAI WINROCK INDUSTRIAL TECHNOLOGIES CO.,LTD

Address: Room 508 No.28 New Jinqiao RD Shanghai

Product: Test bar 2
Dimension: \varnothing 26.40 L=150mm
Sample Size: 2pcs
Grade: A193 B8MLCuN CLASS 1B
Material: S31254
Heat No.: J0-1749

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:

ASTM A193/A193M-2012b Standard Specification for Alloy-Steel and Stainless Steel Bolting for High Temperature or High Pressure Service and Other Special Purpose Applications

Test Method & Result: See next page

Test Summary:

The nitrogen content just provide test result, the other results of test item meet the standard requirement of ASTM A193/A193M-2012b.

Reviewed by: *charofeng*



Approved by: *Zhang Dingchun*

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	≤0.020	0.015
Si/%	GB/T 11170-2008	≤0.80	0.47
Mn/%	GB/T 11170-2008	≤1.00	0.68
P/%	GB/T 11170-2008	≤0.030	0.016
S/%	GB/T 11170-2008	≤0.010	<0.005
Cr/%	GB/T 11170-2008	19.5-20.5	20.06
Ni/%	GB/T 11170-2008	17.5-18.5	17.98
Mo/%	JIS G1258-2-2014	6.0-6.5	6.32
Cu/%	GB/T 11170-2008	0.50-1.00	0.54
N/%	GB/T 20124-2006	—	0.18
Tensile strength/MPa	ASTM F606-13	≥551	762
Yield strengthRp0.2/MPa	ASTM F606-13	≥241	387
Elongation/%	ASTM F606-13	≥30	43.5
Reduction of area/%	ASTM F606-13	≥40	57
Hardness test (half raduis) /HRB	ASTM F606-13	≤96	92.5/93.6/94.1/92.8

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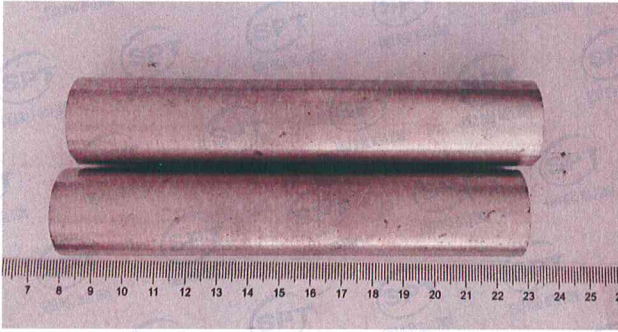
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Test Item	Test Method	Requirements	Result
 <p>Before Testing</p>			

This report goes into effect with 201524750-01 serial number,if they have conflict with each other, according as the 201524750-01 .

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

Inspector: *Cai Xiaxiang Cai Zhemin Wang Jun Wang Yuenyuan*

REPORT FINALIZED

CO.,LTD.

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