

TEST REPORT

No. : TM1208349
Date : Aug.24, 2012
Page: 1 of 2


NANJING EK METALWORK CO., LTD
No.1 Yongning Road, Luhe District, Nanjing City, China

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

Sample Name : GALVANIZED STEEL PIPE
Spec : 48.3mm*4.0mm
Material : Q235 Gr.B
Quantity : 1
Date of Receipt : Aug.22, 2012
Test Period : Aug.22, 2012 to Aug.24, 2012
Test result(s) : For further details, please refer to the following page(s)

***** To be continued*****

Signed for and on behalf of
SGS-CSTC Standards
Technical Services (Tianjin) Co., Ltd.


Kevin Zhou
Materials Lab
Authorized Signatory

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, jurisdiction 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 inspection 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 and such sample(s) are retained for 30 days only.

1. Test item: Chemical composition analysis

Test method: OES

Spec.	Element, %					
	C	Si	Mn	P	S	Al _(t)
48.3mm*4.0mm	0.15	0.10	0.35	0.016	0.003	0.020
Requirement*, %	≤0.20	-----	≤1.40	≤0.040	≤0.045	≥0.020
Conclusion	Pass	-----	Pass	Pass	Pass	Pass

Note: *specified in EN 39:2001(S235GT).

2. Test item: Tension test

Test method: EN 10002-1:2001

Test item	Result			Requirement*	Conclusion
	1	-----	-----		
Yield strength, R _{eH} , MPa	437	-----	-----	≥235	Pass
Tensile strength, R _m , MPa	485	-----	-----	340~520	Pass
Elongation after fracture, A %	27.0	-----	-----	≥24	Pass
Spec	48.3mm*4.0mm	-----	-----	-----	-----

Note: * Specified in EN 39:2001 (S235GT)

*****End of report*****

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755)83071443, or email: CH.Doccheck@sgs.com

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, jurisdiction and arbitration issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its inspection 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 and such sample(s) are retained for 30 days only.

