

TEST REPORT

No. : GZIN1911063356ML

Date : Dec 09, 2019

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CUSTOMER NAME: SHANGHAI CENTURY PRECISION MACHINERY CO., LTD
ADDRESS: #7235 PUWEI RD, FENGXIAN DISTRICT, SHANGHAI 201417

Sample Name : CS SAMPLE
Product Specification : 6MM
Material and Mark : CS Q235

Above information and sample(s) was/were submitted and confirmed by the client. SGS, however, assumes no responsibility to verify the accuracy, adequacy and completeness of the sample information provided by client.

Date of Receipt : Nov 25, 2019
Testing Start Date : Nov 25, 2019
Testing End Date : Dec 09, 2019
Test result(s) : For further details, please refer to the following page(s)
(Unless otherwise stated the results shown in this test report refer only to the sample(s) tested)

Signed for
SGS-CSTC Standards Technical
Services Co., Ltd. GZ Branch Testing
Center

Shining Chan
Authorized signatory



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1. Bend Test:

Test Method: ASME BPVC.IX-2017

Requirement: The specimens shall have no open discontinuity in the weld or heat-affected zone exceeding 3mm, measured in any direction on the convex surface of the specimen after bending. Open discontinuities occurring on the corners of the specimen during testing shall not be considered unless there is definite evidence that they result from lack of fusion, slag inclusions, or other internal discontinuities.

Test item	Specimen	Thickness (mm)	Bend diameter (mm)	Bend angle (°)	Result	Conclusion
Face bend	1#	6.07	4t	180	No open discontinuity	Pass
Face bend	2#	6.06	4t	180	Open discontinues in weld metal, length≈0.35mm	Pass
Root bend	3#	6.07	4t	180	No open discontinuity	Pass
Root bend	4#	6.07	4t	180	Open discontinues in weld metal, length≈1.30mm	Pass

Note: 1. t is sample thickness, mm.

2. The results comply with the requirement of ASME BPVC.IX-2017.

2. Tensile Test:

Test Method: ASME BPVC.IX-2017

Specimen	Width× Thickness (mm)	Maximum force (kN)	Tensile strength (MPa)	Fracture location	Requirement (MPa)	Conclusion
1	19.11×5.60	47.79	447	Parent metal	≥370	Pass
3	19.17×5.59	49.11	458	Parent metal	≥370	Pass

Note: 1. The requirement is specified in GB/T 700-2006 type Q235B.

2. The results comply with the requirement of ASME BPVC.IX-2017.



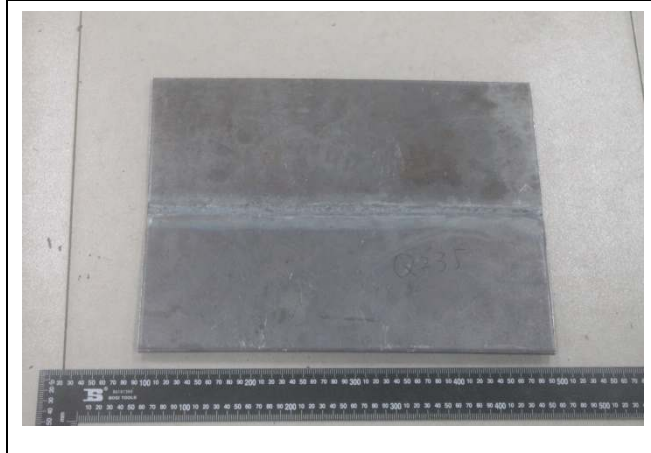
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Original Sample Photo:



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



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