

TEST REPORT

No. : SHIN2407012100ML03-1_EN

Date : 2024-07-26

Page: 1 of 3



CUSTOMER NAME: HJL (NANTONG) EQUIPMENT MANUFACTURING CO., LTD
ADDRESS: 1599 FUJIANG NORTH ROAD, HAIMEN
DISTRICT, NANTONG, JIANGSU

This test report updates Home page information, supersedes the test report No. SHIN2407012100ML03_EN dated 2024-07-18, original report will be invalid from today.

Sample Name : Welded pipe 101.6mm
Product Specification : 101.6*2.11mm
Material and Mark : 316L

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.

Test Required : Reduced Section Tension Test, Bend Test
Date of Receipt : 2024-07-15
Testing Period : 2024-07-15 ~ 2024-07-18
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 (Shanghai) Co., Ltd..

Kant Xu
Authorized signatory



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification 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 intervention 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.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.69, Block 1159, East Kang Qiao Road, Pudong District, Shanghai, China 201319
中国·上海·浦东康桥东路1159弄69号 邮编: 201319

t (86-21) 61196300 www.sgs.com.cn
t (86-21) 61196300 sgs.china@sgs.com

TEST REPORT

No. : SHIN2407012100ML03-1_EN

Date : 2024-07-26

Page: 2 of 3

1. Reduced Section Tension Test

Test Method:ASME BPVC.IX-2023 Section QW-150;QW-462.1

Specimen	Width× Thickness (mm)	Maximum force (kN)	Tensile strength (MPa)	Fracture location	Requirement (MPa)	Conclusion
003-1	19.04×2.06	20.67	524	Weld	≥485	Pass
003-2	19.05×2.02	19.27	498	Weld	≥485	Pass

Note: 1. The requirement is specified in ASME BPVC.IX-2023 type 316L.

2. The results comply with the requirement of ASME BPVC.IX-2023.

2. Bend Test

Test Method:ASME BPVC.IX-2023 Section QW-160

Requirement: Then 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 type	Specimen	Specimen thickness (mm)	Bend diameter (mm)	Bend angle(°)	Result	Conclusion
Face bend	003-1	2.11	8	180	No open discontinuities	Pass
Face bend	003-2	2.11	8	180	No open discontinuities	Pass
Root bend	003-3	2.11	8	180	No open discontinuities	Pass
Root bend	003-4	2.11	8	180	No open discontinuities	Pass

Note: The requirement is specified in QW-163 in ASME BPVC. IX-2023.



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification 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 intervention 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.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443,

or email: CN.Doccheck@sgs.com

No.69, Block 1159, East Kang Qiao Road, Pudong District, Shanghai, China 201319

中国·上海·浦东康桥东路1159弄69号 邮编: 201319

t (86-21) 61196300

www.sgs.com.cn

t (86-21) 61196300

sgs.china@sgs.com

TEST REPORT

No. : SHIN2407012100ML03-1_EN

Date : 2024-07-26

Page: 3 of 3



Sample Photo

Unless otherwise stated, this report provides a declaration of conformity according to whether the test results are within the specified limits or specifications without considering the measurement uncertainty.

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

In the territory of the People's Republic of China, the test report with CMA logo expresses that the test items are within the scope of China Metrology Accreditation(CMA); without CMA logo expresses that part/all of the test items are not within the scope of China Metrology Accreditation(CMA), and just for client internal reference.



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification 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 intervention 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.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.69, Block 1159, East Kang Qiao Road, Pudong District, Shanghai, China 201319
中国·上海·浦东康桥东路1159弄69号 邮编: 201319

t (86-21) 61196300 www.sgsgroup.com.cn
t (86-21) 61196300 sgs.china@sgs.com