

TEST REPORT

No. : GZIN2007038436CM

Date : Aug 20, 2020

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scan to see the report



GZIN2007038436CM

CUSTOMER NAME: SAUDI SCAFFOLDING FACTORY
ADDRESS: ABT BLDG., SALAHUDDIN AYYOUBI STREET AI-BUSTAN DISTRICT,
OPP. AI NASEEM VILLAGE COMPOUND OFF KHOBAR-DAMMAM
EXPRESSWAY, KINGDOM OF SAUDI ARABIA

Sample Name : SF GIRDER COUPLER GRAVLOCK
72000134

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.

SGS Ref. No. : ITI-2020-DLI-0036
Date of Receipt : Jul 27, 2020
Testing Start Date : Jul 27, 2020
Testing End Date : Aug 14, 2020
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

Tobyy Yang
Authorized signatory



SGS-CSTC Standards Technical Services Co., Ltd.
Gangzhou Branch Testing Center (Economic & Technical Development District)

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Summary of Results:

No.	Test Item	Test Method	Result	Conclusion
1	Strength test	AS/NZS 1576.2:2016 Appendix L	See Result	Pass
2	Slip test along tube	AS/NZS 1576.2:2016 Appendix M	See Result	Pass
3	Slip test along tube a flange	AS/NZS 1576.2:2016 Appendix N	See Result	Pass

Note: Pass : Meet the requirements;
 Fail : Does not meet the requirements;
 / : Not Apply to the judgment.

Original Sample Photo(s):



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Test Item: Strength test, Slip test along tube, Slip test along tube a flange

Test Method: AS/NZS 1576.2:2016 Appendix L, Appendix M and Appendix N

Sample Description: See photos

Test Condition:

Specimen: Flange clamp, 36pcs

Test Results:

Test Clause	Test Item	Test Requirement	Test Result	Conclusion
Appendix L	Strength test	P=30.0kN, neither flange clamp shall show any permanent set	P=30.0kN, neither flange clamp showed any permanent set	Pass
Appendix M	Slip test along tube	P=12.5kN, Slippage ≤ 6mm	P=12.5kN, Slippage<6mm	Pass
Appendix N	Slip test along tube a flange	P=12.5kN, Slippage ≤ 6mm	P=12.5kN, Slippage<6mm	Pass

Note:

1. Specification of tube for test: Steel tube of Φ48.3mm x4.0mm (wall thickness)
2. Please see Annex A for details of test results.



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Annex A Detail of test results

1. Strength test

Test Item	Strength test
Requirement	P=30.0kN, neither flange clamp shall show any permanent set.
Test results	—
Sample No.	
1, 2	Neither clamp showed any permanent set.
3, 4	Neither clamp showed any permanent set.
5, 6	Neither clamp showed any permanent set.
7, 8	Neither clamp showed any permanent set.
9, 10	Neither clamp showed any permanent set.
11, 12	Neither clamp showed any permanent set.
Conclusion	Pass

2. Slip of tube through a pair of flange clamps

Test Item	Slip of tube through a pair of flange clamps
Requirement	P=12.5kN, Slippage ≤ 6mm
Test results	Slippage (mm)
Sample No.	
13, 14	0.51
15, 16	0.74
17, 18	0.36
19, 20	0.52
21, 22	0.14
23, 24	0.11
Conclusion	Pass



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3. Slip of flange clamps along the flange of the beam

Test Item	Slip of flange clamps along the flange of the beam
Requirement	P=12.5kN, Slippage ≤ 6mm
Test results	Slippage (mm)
Sample No.	
25	0.47
26	0.23
27	1.94
28	0.19
29	1.12
30	1.08
31	1.07
32	0.69
33	0.07
34	1.00
35	0.86
36	0.49
Conclusion	Pass



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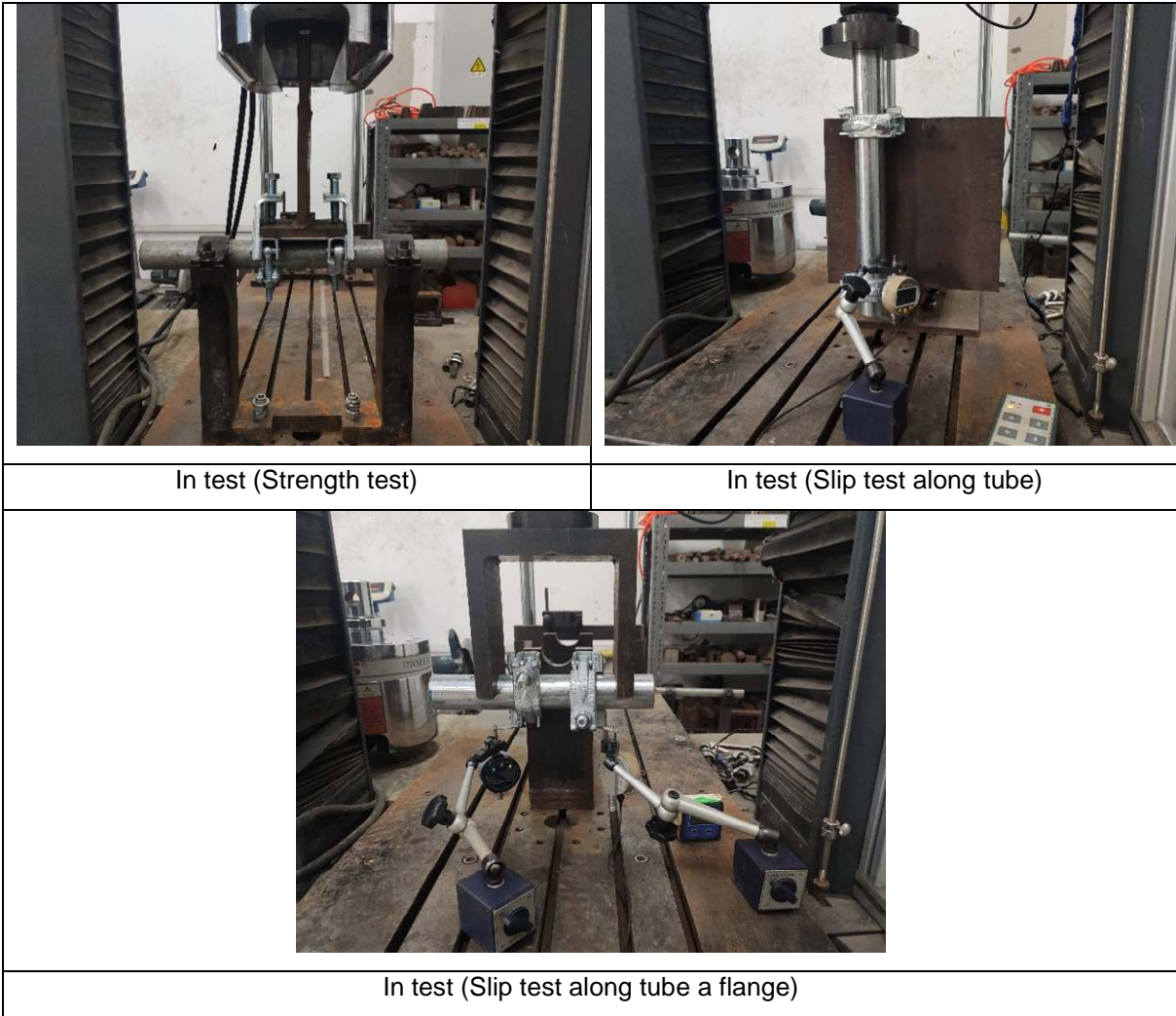
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Test photo(s):



Appendix information: The above test was carried out by SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.

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



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