

## TEST REPORT

No. : SHIN2107047168CM

Date : Aug 06, 2021

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scan to see the report



SHIN2107047168CM

CUSTOMER NAME: K.O.H. INTERNATIONAL CO., LTD  
ADDRESS: 45 MOO 1 TUMBON BORNGERN AMPHUR LADLUMKAEW,  
PRATHUMTHANEE 12140

Sample Name : BEAM CLAMP  
Product Specification : 48.3\*48.3  
Buyer : K.O.H. International Co.,Ltd  
Material and Mark : Q235  
Others : IPT64009/6

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 : Please see the next page(s)  
Ref. Standard : Please see the next page(s)  
Date of Receipt : Jul 08, 2021  
Testing Start Date : Jul 08, 2021  
Testing End Date : Aug 06, 2021  
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  
Service (Shanghai)Co., Ltd.

Ziven Wang

Ziven Wang  
Authorized signatory



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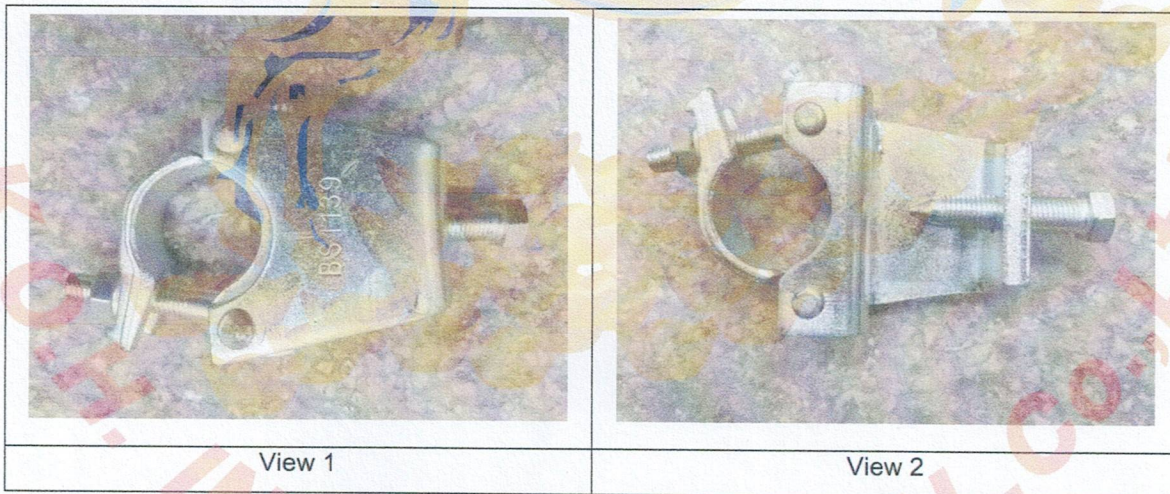
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### Summary of Results:

No.	Test Item	Test Method	Result	Conclusion
1	Strength Test	AS/NZS 1576.2:2016 Appendix L	See Result	Pass
2	Slip Test Through Rigid and Swivel Flange Clamps	AS/NZS 1576.2:2016 Appendix M	See Result	Pass
3	Slip Test of Rigid and Swivel Flange Clamps Along 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 Through Rigid and Swivel Flange Clamps, Slip Test of Rigid and Swivel Flange Clamps Along a Flange

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

Test Condition:

Specimen: Beam 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 Through Rigid and Swivel Flange Clamps	P=12.5kN, Slippage ≤ 6mm	P=12.5kN, Slippage<6mm	Pass
Appendix N	Slip Test of Rigid and Swivel Flange Clamps Along a Flange	P=12.5kN, Slippage ≤ 6mm	P=12.5kN, Slippage<6mm	Pass

### Note:

1. Specification of tube for test: Steel tube of  $\Phi 48.3\text{mm} \times 4.0\text{mm}$  (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

Sample No.	Test Result
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.

#### 2. Slip Test Through Rigid and Swivel Flange Clamps

Sample No.	Test Result
13, 14	0.38
15, 16	0.53
17, 18	0.44
19, 20	0.58
21, 22	0.46
23, 24	0.64



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### 3. Slip Test of Rigid and Swivel Flange Clamps Along a Flange

Sample No.	Test Result
25	0.80
26	0.37
27	0.25
28	0.41
29	0.54
30	0.15
31	0.20
32	0.38
33	0.13
34	0.78
35	1.58
36	1.02



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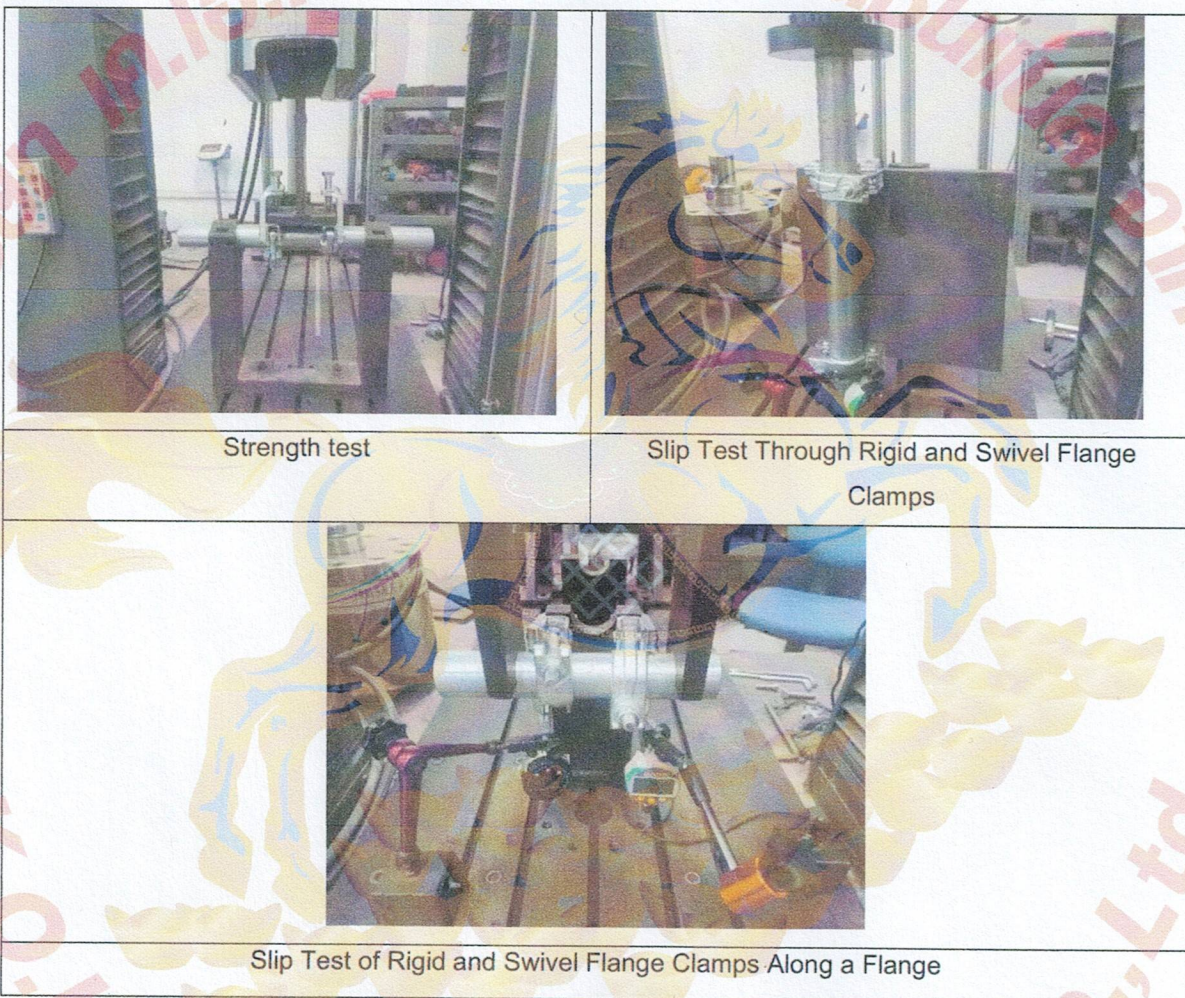
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Test Photo(s):



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



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