

TEST REPORT

No. : SHIN161003740CCM

Date : Nov. 03, 2016

Page: 1 of 5

ANHUI HAODING METAL PRODUCT LIMITED COMPANY
NO.32, GAOXIN ROAD, CHAHE ECONOMIC DEVELOPMENT ZONE, LAI'AN COUNTY, CHUZHOU CITY,
ANHUI PROVINCE, CHINA

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

Sample Name : I-BOLT SWIVEL CLAMP
Sample Number : SHIN161003740CCM
Test Required : Please see the next page(s)
Test Standard : ANSI/SSFI SC100-5/05
Buyer : AT-PAC
Manufacturer : Supplier 30
Date of Receipt : Oct. 24, 2016
Test Period : Oct. 24, 2016 to Nov. 03, 2016
Test result(s) : For further details, please refer to the following page(s)

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

Signed for SGS-CSTC Standards
Technical Services (Shanghai) Co., Ltd.

Joyce Li
Authorized signatory



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SHCCM 023127

TEST REPORT

No. : SHIN161003740CCM

Date : Nov. 03, 2016

Page: 2 of 5

Test Conducted:

ANSI/SSFI SC100-5/05 Standards for Testing and Rating Scaffold Assemblies and Components

Test Results:

Manufacturer: supplier 30				Model # / Product Identification: /				
Test Date: 2016.11.2		Test # :1~12			Test Location: SGS CCM Lab		Factor of Safety (FS):/	
Swivel Coupler	Test 1	Test 2	Test 3	Test 4 (if needed)	Test 5 (if needed)	Average	Maximum Variation	Rating (Avg/FS)
Slip Load (N)	20697	25517	22254	22258	/	22682	12.5%	/
Failure Mode	Ultimate load was reached				/	NA	NA	NA
Failure Load (N) [Strength test]	55866	54882	60800	/	/	57183	6.3%	/
Failure Mode	The center rivets were broken.				/	NA	NA	NA
Center Rivet load (kN)	20810	17809	22318	24594(invalid)	20356	20323	12.4%	/
Failure Mode	The center rivets were broken. According to clause 4.2.3.3, the test 4 was invalid.					NA	NA	NA
Remark	Manufacturer's recommended torque:54Nm Manufacturer's recommended tube specification: steel tube of Φ48.3mm							

Statement: Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

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

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SGS-CSTC (Shanghai) Technical Services (Shanghai) Co., Ltd.
Testing Center Competence for Construction Material Laboratory

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TEST REPORT

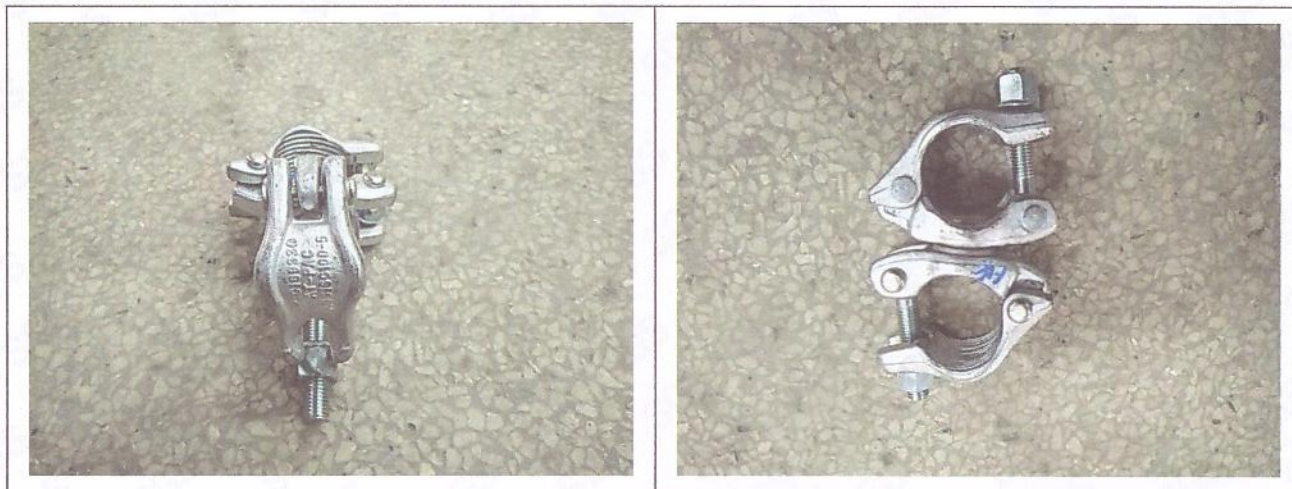
No. : SHIN161003740CCM

Date : Nov. 03, 2016

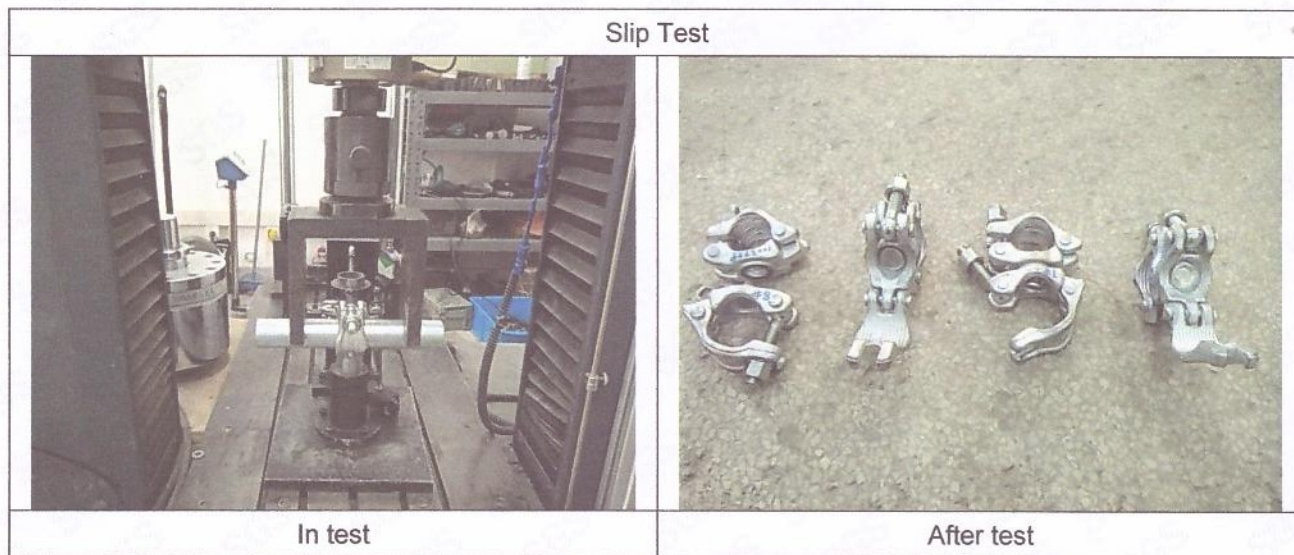
Page: 3 of 5

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Sample photos:



Test photos:



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TEST REPORT

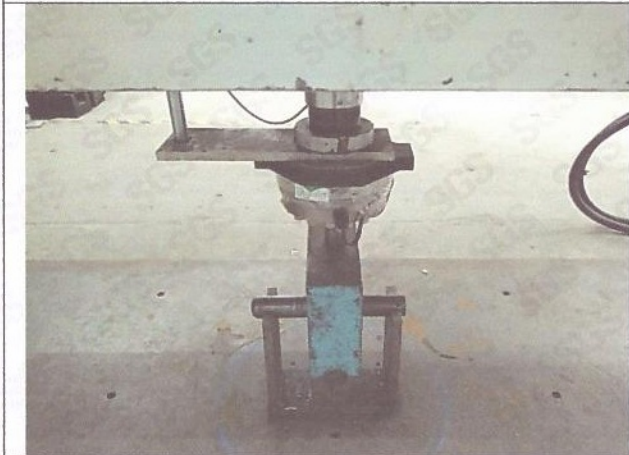
No. : SHIN161003740CCM

Date : Nov. 03, 2016

Page: 4 of 5

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Strength Test



In test



After test

Center Rivet Test



In test



After test

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

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SGS-CSI Technical Services (Shanghai) Co., Ltd.
Testing Center Comm. Lab. (Shanghai) General Laboratory

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TEST REPORT

No. : SHIN161003740CCM

Date : Nov. 03, 2016

Page: 5 of 5

Certification

I certify that I am a qualified engineer or a representative of an independent testing laboratory as defined in the SC100 standard. I also certify that the above described tests were performed in accordance with the applicable provisions of the Methods for Testing and Rating Tube & Coupler scaffold components, as published by the Scaffolding, Shoring & Forming Institute in the SSFI SC100 standard, and that the stated results and values are accurate.

King Chen	SGS-CSTC Standards Technical Services (Shanghai)Co., Ltd	Nov. 02, 2016
(Name) (Signature)	(Company)	(Date)

The 3#. Building, No.69, KangQiao Industrial Park, Block1159, KangQiao East Road, Pudong District, Shanghai, China, 201319	021-61196479	King.chen@sgs.com
(Address/city/state/zip)	(Phone)	(E-mail)

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

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SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd
Testing Center Commercial Inspection General Laboratory

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