

TEST REPORT

No. : SC120921341

Date : Oct. 19, 2012

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RIZHAO WEIYE TOOLS CO., LTD
LIJIAHU VILLAGE, GAOXING TOWN, LANSHAN DISTRICT, RIZHAO CITY

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

Sample Name : PRESSED SLEEVE COUPLER
Sample Number : SC120921341
Test Required : Slipping force
Test Standard : EN 74-1:2005
Product specification : 48.3mm
Manufacturer : RIZHAO WEIYE TOOLS CO., LTD
Material and Mark : Q235
Date of Receipt : Sep. 29, 2012
Test Period : Sep. 29, 2012 to Oct. 19, 2012
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.

Vivien Zhang
Vivien Zhang
Authorized signatory

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Lab Environmental Condition: 23±2℃, 50±5%RH

Test Conducted:

EN 74-1:2005 Couplers, spigot pins and baseplates for use in falsework and scaffolds – Part 1: Couplers for tubes – Requirements and test procedures

Test Results:

Test Clause	Test Item	Test Requirement (Sleeve coupler, Class A)	Test Result	Verdict
7.2.1	Slipping force	$1\text{mm} \leq \Delta_2 \leq 2\text{mm}$, $F_{s,5\%} \geq 6.0\text{kN}$	$1\text{mm} \leq \Delta_2 \leq 2\text{mm}$, $F_{s,5\%} = 7.3\text{kN}$	Pass

Note:

1. $F_{s,5\%}$: the 5% quantile for the 75% level of confidence.
2. $\gamma R2=1.25$ according to EN 74-1.
3. Please see Annex A for details of test results

Annex A Details of test results

1. Slipping force

Specimens	F_s (kN, $1\text{mm} \leq \Delta_2 \leq 2\text{mm}$)
No.1	8.45
No.2	8.00
No.3	8.32
No.4	7.98
No.5	9.37
No.6	8.52
No.7	7.65
No.8	7.86
No.9	8.84
No.10	8.78
$F_{s,5\%}$	7.3

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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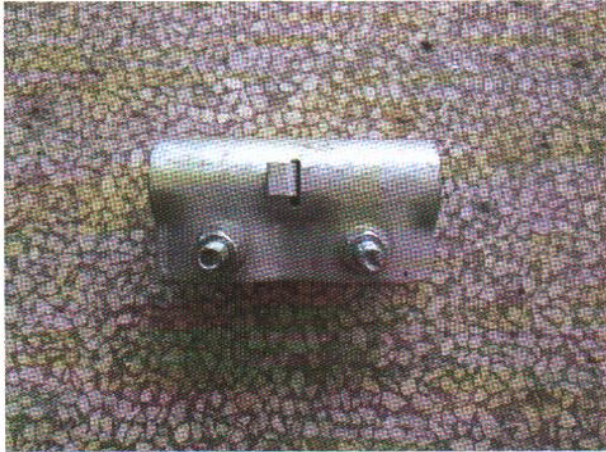
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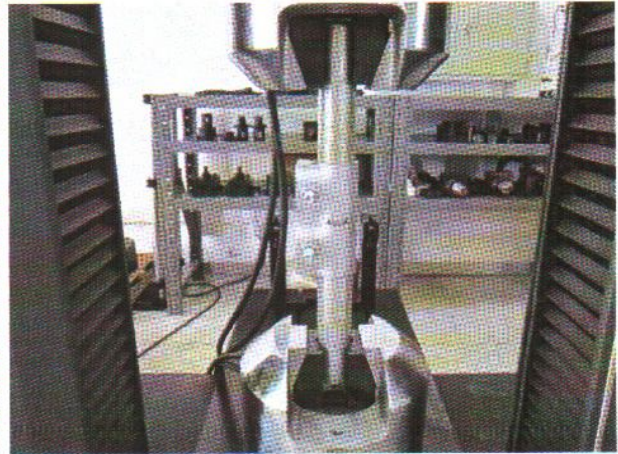
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2. Test photos:



Sample photo



Test arrangement for slipping force test

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

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