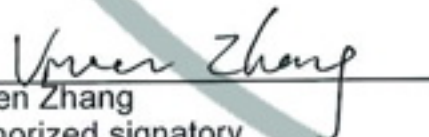


THAI CONST & BUILDING MANUFACTURING PUBLIC COMPANY LIMITED
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The following sample(s) was/ were submitted and identified on behalf of the client as:

Sample Name : SCAFFOLD SLEEVE COUPLER
Sample Number : SHCCM140400660
Test Required : Please see the next page(s)
Test method : EN 74-1:2005
Product specification : 48.3mm
Material and Mark : Q235
Date of Receipt : Apr. 02, 2014
Test Period : Apr. 02, 2014 to Apr. 16, 2014
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
Authorized signatory

TCB

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SHCCM 007171

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	$1\text{mm} \leq \Delta_2 \leq 2\text{mm}$, $F_{s,5\%} \geq 6.0\text{kN}$	$1\text{mm} \leq \Delta_2 \leq 2\text{mm}$, $F_{s,5\%} = 9.5\text{kN}$ * $F_s = 12.0\text{kN}$, $\Delta_2 < 1\text{mm}$	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.

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

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SHCGM 007172

Annex A Details of test results

Slipping force

Specimens	F_s (kN, $1\text{mm} \leq \Delta_2 \leq 2\text{mm}$)
No.1	* $F_s = 12.0\text{kN}$, $\Delta_2 < 1\text{mm}$
No.2	10.28
No.3	11.03
No.4	* $F_s = 12.0\text{kN}$, $\Delta_2 < 1\text{mm}$
No.5	* $F_s = 12.0\text{kN}$, $\Delta_2 < 1\text{mm}$
No.6	* $F_s = 12.0\text{kN}$, $\Delta_2 < 1\text{mm}$
No.7	* $F_s = 12.0\text{kN}$, $\Delta_2 < 1\text{mm}$
No.8	* $F_s = 12.0\text{kN}$, $\Delta_2 < 1\text{mm}$
No.9	* $F_s = 12.0\text{kN}$, $\Delta_2 < 1\text{mm}$
No.10	10.86
$F_{s,5\%}$	9.5

*Note: In accordance with EN 74-1:2005, the test can be ended when the test load reached twice the specified F_s given in Table 8 of EN 74-1:2005. The result of $F_{s,5\%}$ is the statistical result of the other 3 specimens.

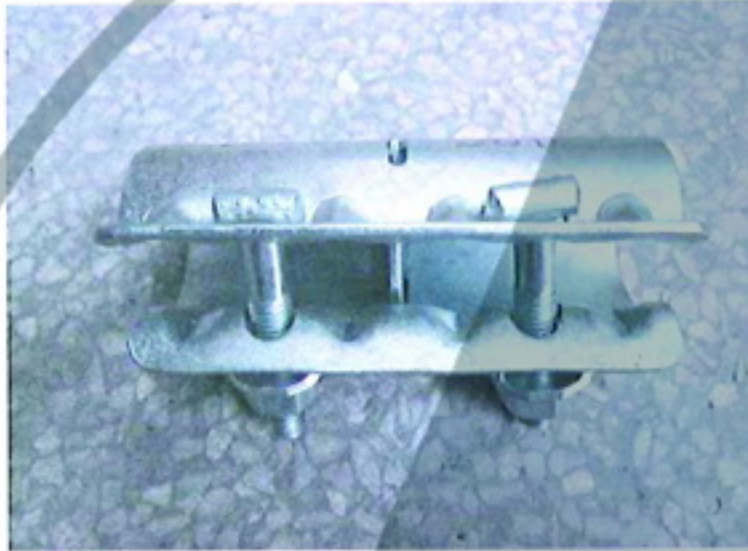
Statement: Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

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

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Test photos:



Sample photo



Test arrangement for slipping force test

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

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