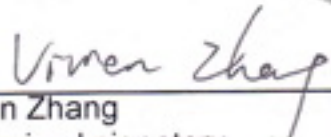


THAI CONST & BUILDING MANUFACTURING PUBLIC CO., LTD
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The following sample(s) was/ were submitted and identified on behalf of the client as:

Sample Name : SCAFFOLD JACK BASE
Sample Number : SHCCM140300586
Test Required : Please see the next page(s)
Test method : AS/NZS 1576.2:2009
Product specification : 38*600mm 150x150x5.75mm
Date of Receipt : Mar. 25, 2014
Test Period : Mar. 25, 2014 to Apr. 02, 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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Test conducted: AS/NZS 1576.2:2009 Scaffolding Part 2: Couplers and accessories Appendix H test for adjustable leg, adjustable baseplate and adjustable swivel baseplate

Test procedure:

1. Set the nut of the adjustable leg or baseplate to the maximum working extension of the shank below the nut. Check the straightness of the shank in three position 45° apart and record any deviation.
2. Fit the tube over the adjustable leg or baseplate and place the assembly on the tapered plate between the testing machine platens.
3. Apply a force of 60kN progressively over a period of 3min and hold it for a period of 15min.
4. Remove the force.
5. Measure and record the straightness of the shank in the same positions as before the test.
6. Determine and record the ease with which the adjusting nut can be turned by hand for the full depth of the nut, downwards from the test position and returned upwards to the test position. If it is not possible to turn the nut, freely by hand, this is to be regarded as failure.
7. If the adjustable base passes this load test, re-test the adjustable base with an increasing load until failure. This load is to be recorded as the ultimate failing load.

Requirement:

When tested in accordance with Appendix H at a load of 60kN, an adjustable leg or adjustable baseplate shall not have a change in straightness of the shank exceeding 2mm and it shall be possible to turn freely by hand the nut downwards from the test position

A minimum of three components shall be tested as follow:

- a. Components that have passed the 60kN test load shall be tested to failure at which load the component is unable to support an increase in load or there is a slip between the thread of the nut and thread of the stem.

This load shall be ultimate load.

- b. A component whose ultimate test load deviates from the mean result by more than 10% shall be discarded and an additional component shall be tested.

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

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c. The test result shall satisfy the following:

$$\text{Strength} = (\sum P/n)/2.5 \geq 30\text{kN}$$

Where

P= individual ultimate load, in kilonewtons

n= number of tests

NOTE: This is not the working load limit (WLL) of adjustable legs or adjustable baseplates.

Test result:

Sample No.	Test result of each sample after 60kN applied for 15min	Conclusion
1	The change in straightness of the shank: 0.19mm, 0.09mm, 0.10mm. Adjustable nut can be turned by hand for the full depth of the nut upwards and downwards.	Pass
2	The change in straightness of the shank: 0.10mm, 0.19mm, 0.12mm. Adjustable nut can be turned by hand for the full depth of the nut upwards and downwards.	Pass
3	The change in straightness of the shank: 0.36mm, 0.46mm, 0.09mm. Adjustable nut can be turned by hand for the full depth of the nut upwards and downwards.	Pass

Sample No.	Failure mode	Ultimate load	Strength	Conclusion
1	The shank is bended	142.2 kN	63.0 kN	Pass
2	The shank is bended	170.3 kN		
3	The shank is bended	160.3 kN		

Note: The adjustable nut height in test is 200mm as per client's requirement.

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

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

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TEST REPORT

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Sample photo:



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

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