



**Client:** Cliff Scaffoldings (P) Ltd  
**Job Number:** 10337  
**Project:** Assessment of Right Angle Couplers  
**Test Type:** Slip  
**Test Method:** AS/NZS 1576.2 - 2009 Appendix A

**Test Date:** 4/7/2012  
**Manufacturer's Reference and Batch Number:** 140312INT

**Number of Couplers Tested:** 6  
**Number of Couplers that Passed Test:** 6

**Test Results:**

<i>Coupler Number:</i>	<i>Orientation</i>	<i>Load at Slip (kN)</i>	<i>Slip Distance (mm)</i>
1	A	10.52	1.5
	B	10.82	1.5
	C	7.84	1.2
	D	7.12	2.0
2	A	7.84	1.0
	B	9.33	1.5
	C	10.82	2.0
	D	10.22	2.0
3	A	11.41	1.0
	B	10.82	1.5
	C	9.62	2.5
	D	11.41	1.5
4	A	10.22	1.5
	B	9.62	1.5
	C	10.22	1.0
	D	9.33	1.5
5	A	10.82	1.0
	B	10.22	1.5
	C	10.22	1.0
	D	10.22	1.5
6	A	12.01	0.5
	B	12.01	0.5
	C	11.41	1.0
	D	10.82	0.5

Note: Couplers are required to slip no more than 6mm when tested to 12.5kN

Methodology: the testing was undertaken in accordance with the Method. Load was applied via an hydraulic ram acting against an electronic digital load cell. Slip was assessed by way of scribed marks on the respective tube component and by use of a steel millimetre rule. Photograph 1 (below) shows the general layout of the test apparatus. Note that the photograph is of the associated distortion test set-up.

***The measured slip distance for couplers represented by this testing are less than the maximum value stated in AS / NZS 1576.2 - 2009 Cl 4.1.2***

After each test, each coupler was capable of being reassembled onto the relevant scaffold tube.

No local distortion of the tubes used for testing purposes was detected.

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David Wilmshurst  
 Technical Manager  
 Approved Signatory  
 5/07/2012



***PHOTOGRAPH 1 - General layout of test apparatus***  
(Note that this is actually the Distortion Test set-up, which is similar)



***PHOTOGRAPH 2 - Coupler 1 as tested***