

222 Cavalcade Street, 77009-3213 P.O. Box 8768, Houston, Texas 77249-8768 Tel: (713) 692-9151 Fax: (713) 696-6205

Attention: Arun Srivastava
BSL Scaffolding USA LLC

3975 Atascocita Way HUMBLE, TX 77396

P: 281 979 0953 / F: 281/458-3744

W/O. No.: BSL001-03-21-79105-1

Report Date: 3/28/2011

P.O. No.:

Sample Information: Beam Clamps

Test Method: ANSI/SSFI SC100-5/05, and EN74 Coupler bolts tightened to a torque of 37 ft. lbs

## **RIGHT ANGLE COUPLER - ULTIMATE LOAD TEST**

Sample #	Max Load (lbs)	Max Load at 4:1 Safety Factor (lbs)	Result
1	15,370	3,845	Pin Shear

## **SWIVEL COUPLER - ULTIMATE LOAD TEST**

Sample #	Max Load (lbs)	Max Load at 4:1 Safety Factor (lbs)	Result
1	14,520	3,630	Pin Shear

## **RIGHT ANGLE COUPLER - SLIP TEST**

Sample #	Result	Maximum Load (lbs)	Slip Load at ¼" Travel (lbs)
1	Slip	6,635	6,490

## **SWIVEL COUPLER - SLIP TEST**

Sample #	Result	Maximum Load (lbs)	Slip Load at ¼" Travel (lbs)
1	No slip	5,180	No Slip

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Respectfully Submitted

Manager, Product Evaluation

Stork SWL, is an operating unit of Stork Materials Technology B.V., Amsterdam, The Netherlands, which is a member of the Stork group



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# **RIGHT ANGLE COUPLER - ULTIMATE LOAD TEST RESULTS**







**Break Point** 

# **SWIVEL COUPLER - ULTIMATE LOAD TEST RESULTS**







**Break Point** 

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Load method for right angle and swivel couplers

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