



مختبر علوم التربة لفحص المواد
GEOSCIENCE TESTING LABORATORY

REPORT OF TENSILE TESTS ON COUPLER

Lab References:

Report No.	: R1dx 10-30404	Report Date	: 05/04/2010
Request No.	: Q1dx 10-30404	Sample No.	: S1dx 10-30404
Date Tested	: 04/04/2010		
Tested By	: AAP/SBP		

Client References:

Project No.	: Not given
Project Name	: Internal Quality Checking
Senders ref. No.	: Not given
Client	: LUV International Trd. L L C
Address	: Dubai, U A E
Consultant	: Not Applicable
Contractor	: Not Applicable

1.0 Introduction

Further to the instruction received from the consultant for the above mentioned project, GTL has carried out Tensile testing on 16 mm rebar coupler assembly in accordance with the applicable procedures laid down in BS 4449 : 1997 and BS EN 10002 Part 1 : 2001. The coupler attachment fixed with jaws of the tensile testing machine. Uniform load was applied up to the failure. The load at failure along with the mode of failure was reported.

2.0 Sample Details. Bar details:

Sample Description	-	16 mm Pressed Coupler
Grade	-	460 B
Cast No./Charge	-	Not given
Source	-	Not given
Local Supplier	-	Not given



Form: MD/G 01
Page 1 of 2

Issue No. : 01/14.10.2008

Rev. : 0/-
For GEOSCIENCE TESTING LABORATORY



Main Office:- Dubai
P.O.Box 61670
Tel : +971-4-3477706 / 3477906
Fax: +971-4-3477704 / 3477691

Sharjah
P.O.Box 64800
Tel : +971-6-5388508
Fax: +971-6-5388908

Abu Dhabi
P.O.Box 38442
Tel : +971-2-5548212 / 5551950
Fax: +971-2-5548210 / 5551951

Al Ain
P.O.Box 24827
Tel : +971-3-7228966
Fax: +971-3-7228956



مختبر علوم التربة لفحص المواد GEOSCIENCE TESTING LABORATORY

Report No. : R1dx 10-30404

Report Date : 05/04/2010

Request No. : Q1dx 10-30404

Sample No. : S1dx 10-30404

3.0 Coupler Details:

Coupler marking - SBT16 KFX LUV INT

Coupler Length (mm) - Not Applicable

Coupler diameter-outer (mm) - Not Applicable

4.0 Test Results:

Specimen No.	Maximum Load Applied (kN)	Failure Stress (N/mm ²)	Mode of Failure
1	118.7	591	Break at the rebar

Note:

The Failure Stress is calculated using the nominal cross sectional area of 16 mm bar.

5.0 Remarks

None

* Results relates only to the samples tested.

* Test reports shall not be reproduced (except in full) with out the written approval of the laboratory.

Form: MD/G 01
Page 2 of 2

Issue No. : 01/14.10.2008

Rev. : 0




For GEOSCIENCE TESTING LABORATORY



Main Office:- Dubai

P.O.Box 61670

Tel : +971-4-3477706 / 3477906

Fax: +971-4-3477704 / 3477691

Sharjah

P.O.Box 64800

Tel : +971-6-5388508

Fax: +971-6-5388908

Abu Dhabi

P.O.Box 38442

Tel : +971-2-5548212 / 5551950

Fax: +971-2-5548210 / 5551951

Al Ain

P.O.Box 24827

Tel : +971-3-7228966

Fax: +971-3-7228956