



REPORT ON MECHANICAL PROPERTIES OF STEEL COUPLERS

Page No. 1 of 1

Client name : LUV International LLC
Address : P.O. Box 282863, Dubai, U.A.E
Contractor : NP
Consultant : NP
Project name : NP
Project No. : NP
Project Location : Dubai
Sample Description : 20 mm Dia Steel Bar with Coupler
Type of Coupler : Pressed Coupler
Source : NP
Manufacturer : King Fix U.K. Ltd.
Structural reference : NP

Sender's Ref. : SBT Pressed Coupler
Marking on Coupler : NP
Sample Size (Nos) : 1
Sampling Method : NP
Sampled by : Client
Sampling Date : 23/12/2009
Lot No. : NP
Lot Size (Ton) : NP
Sample brought by : Client
Tested by : ZIA

Report No. : 199118 SN 1/1
Lab. Project No : P-1070
Report Date : 26/12/2009
Date Sample Received : 23/12/2009
Time Received : 11:50 AM
Date of Test : 23/12/2009

Test Results

Specimen	1
Lab. Sample No.	09-199118/1
Nominal Diameter of Steel Bar (mm)	20.00
Outer Diameter of coupler (mm)	35.00
Original length of coupler (mm)	145.0
Nominal X- Sectional Area of bar (mm ²)	314.2
Ultimate tensile stress (N/mm ²)	591
Failure Mode	Steel Bar Broken

Test Method Tensile : : BS 4449:1997: Annex E, BS EN 10002-1:1990, BS 8110: Part 1: 1997: Clause 3.12.8.16.2
Method variation : None
Remarks : The specimen no. 199118/1 was broken 75 mm away from the coupler.
: Nominal cross sectional area was used to calculate ultimate tensile stress.


Authorized Signatory

Sohail Zafar
Deputy Laboratory Manager



Above results relate only to the item tested.

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