

## REPORT ON MECHANICAL TESTING OF STEEL COUPLER

Request No. : GQ-060518-084 **Report No. : 060518-097**  
 Date Received : 06/05/2018 Reporting Date : 08/05/2018  
 Lab Proj. No. : LP-1747/16 Date of test : 07/05/2018  
 Sample Description : 20mm Steel Coupler Tested by SC

Client : ING AAGA Projects DMCC Source : Bartek  
 Owner : Ali Abdulla Mohamed Al Shirawi Date of Sampling : 06/05/2018  
 Contractor : Gulf Jewel Contracting Co. LLC Lot No. : NG  
 Consultant : Eng. Adnan Safarrini Engineering Consultant Lot Size : NG  
 Project Name : Residential Bldg.(G+5P+8Typ Floor+HC) Sample Size, mm : 20  
 @ Al Jadaf Plot No. 326 5608 Sampling Certificate : NG  
 Project No. : NG Sampled by : Client  
 Project Location : Al Jadaf Sample Brought by : Client  
 Grade of Steel : 460B Visual observation : No cracks  
 Heat No : NG Structural Location : NG  
 Marking on the Coupler : NG

### Test Results

Specimen No	1	2
Sample No.	GS060518-084/1	GS060518-084/2
Sample Diameter, mm	20	20
Outer Diameter, mm	38	38
Length of Coupler, mm	140	140
Nominal X-Sectional area of steel, mm	314.286	314.286
Maximum Load (kN)	209.000	209.630
Tensile Strength (N/mm <sup>2</sup> )	665	667
Failure Mode	Steel was Broken	Steel was Broken

NG- Not Given

Test Method : BS 4449:2005 ANNEX E; BS EN 10002:1

Remarks : Test was Subcontracted



**Authorized Signatory**

Edgardo A. Tolentino  
Laboratory Manager

Results related only to the items tested.

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