

REPORT ON MECHANICAL TESTING OF STEEL COUPLER

Request No.	: GQ-060518-084	Report No.	: 060518-098
Date Received	: 06/05/2018	Reporting Date	: 08/05/2018
Lab Proj. No.	: LP-1747/16	Date of test	: 07/05/2018
Sample Description	: 25mm 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 Saffarini Engineering Consultant	Lot Size	: NG
Project Name	: Residential Bldg.(G+5P+8Typ Floor+HC) @ Al Jadaf Plot No. 326 5608	Sample Size, mm	: 25
Project No.	: NG	Sampling Certificate	: NG
Project Location	: Al Jadaf	Sampled by	: Client
Grade of Steel	: 460B	Sample Brought by	: Client
Heat No	: NG	Visual observation	: No cracks
Marking on the Coupler	: NG	Structural Location	: NG

Test Results

Specimen No	1	2
Sample No.	GS060518-084/1	GS060518-084/2
Sample Diameter, mm	25	25
Outer Diameter, mm	46	46
Length of Coupler, mm	178	178
Nominal X-Sectional area of steel, mm	491.071	491.071
Maximum Load (kN)	332.950	331.475
Tensile Strength (N/mm ²)	678	675
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.

This report shall not be reproduced except in full, without the written approval of the laboratory.

Any unauthorized amendment/corrections will invalidate this test report