

Engr. Muhammad Akram

Test Performed By:

Dr. /Engr.

Nauman Khurram

General Manager - Projects, Hotel Tower Project FTC Johar Town (Orient - Lahore)

Client Reference: ORIENT/AFCO/Hotel Tower/Steel/007

Dated: 22-07-2019

SOM Lab Ref: CED/SOM/1163 (Page-1/1)

Dated: 23-07-2019

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Sample Type: Deformed Bar

Gauge Length:

200 mm

S.No.	Weight	Dia.		Area		Yield Load	Ultimate Load	Yield Stress		Ult. Stress		Elongation	Gauge Length	%age Elongation	Remarks
		Nominal	Calculated	Nominal	Calculated			(according to nominal area)	(according to measured area)	(according to nominal area)	(according to measured area)				
	kg/m	mm	mm	mm ²	mm ²	kN	kN	MPa	MPa	MPa	MPa	mm	mm	%	
1	2.970	22	21.94	380	378	165.00	263.50	434	437	693	698	37.5	200	18.8	
2	3.007	22	22.08	380	383	168.20	267.00	442	440	702	698	40.0	200	20.0	
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BEND TEST:

22mm	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Three Samples Received and Tested

Note: Please always confirm the results of above report on web www.uet-civil.edu.pk