

Sarfraz Rasheed

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

GM Constructions, Ittefaq Building Solution. (Ahmad Latif Residence)

SOM Lab

Client Reference: Nil

Ref:

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Dated: 27-10-2022

Dated:

29-10-2022

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar

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)				
	lb/ft	#	in	in ²	in ²	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	1.692	6	0.795	0.44	0.497	19.06	22.40	95550	84590	112260	99380	1.20	8.0	15.0	
2	0.672	4	0.501	0.20	0.197	6.83	8.72	75320	76460	96110	97570	1.20	8.0	15.0	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

BEND TEST:

6 Sample bend through 180 degrees Satisfactorily without any crack

4 Sample bend through 180 degrees Satisfactorily without any crack

Note:-Only Four Samples
Received and TestedNote: Please always confirm the results of above report on web www.uet-civil.edu.pk

