

Ghulam Mohu Ud Din
GMD Sons Lahore.

Test Performed By: Dr. /Engr. Asad Ali Gillani

Client Reference: Nil

SOM Lab

Ref: 2514 (Page-1/1)

Dated: 03-07-2023

Dated: 03-07-2023

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-36

Gauge Length: 8 inch

Sample Type:

SS Plain 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	1.44 1	6	0.73 4	0.4 4	0.42 3	15.90	22.78	79710	82910	11420 0	11879 0	1.6 0	8. 0	20. 0	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
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BEND TEST:

--	No Bend test performed	Note:- Only One Sample Received and Tested

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

Sajjad Ali Memon
RE Pillar & Sons.(Rumanza Golf & Country Club,DHA Multan)

Test Performed By: Dr. /Engr. Asad Ali Gillani

Client Reference: P&S/OTH/GEN/0098

SOM Lab

Ref: 2515 (Page-1/1)

Dated: 03-07-2023

Dated: 03-07-2023

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type: Deformed Bar (Amreli Steel)

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	0.673	4	0.502	0.20	0.198	8.02	9.17	88470	89360	101170	102190	0.80	8.00	10.00	
2	0.669	4	0.501	0.20	0.197	7.14	8.82	78690	79890	97230	98720	1.10	8.00	13.8	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

BEND TEST:

# 4	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

Test Performed By: Dr. /Engr. S. Asad Ali Gillani

Sajjad Ali Memon

RE Pillar & Sons.

(Rumanza Golf & Country Club,DHA Multan)

Client Reference: P&S/OTH/GEN/00099

Dated: 03-07-2023

SOM Lab Ref: CED/SOM/2516(Page-1/1)

Dated: 03-07-2023

Test: Tension Test

Test Specification: ASTM-F -1554

Sample Type: J- Bolt

Gauge Length: 200 mm

S.No.	Diameter	Area	Yield Load	Ultimate Load	Yield Stress	Ultimate. Stress	Elongation	Gauge Length	%age Elongation	Reduction of Area (%)
	mm	mm ²	kN	kN	MPa	MPa	mm	mm	%	
1	25	491	187.00	295.20	381.1	601.7	42.5	200	21.3	50.4
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-

Note:-

Only One Sample
Received and Tested

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

