

Muhammad Usama  
Resident Engineer, NESPAK (Pvt) Ltd., Islamabad

Test Performed By: Dr. /Engr.

S. Asad Ali  
Gillani

Client Reference: 4026/325/MU/Misc/05

Dated: 23-03-2021

Test: Tension Test

Gauge Length: 8 inch

Test Specification:

Sample Type:

SOM Lab

Ref: 4097(Page-1/1)

Dated: 24-03-2021

ASTM-A-615

Deformed Bar (Mughal 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 <sup>2</sup>	in <sup>2</sup>	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	1.477	6	0.743	0.44	0.434	18.76	22.22	94020	95320	111390	112930	0.90	8.0	11.3	
2	1.663	6	0.789	0.44	0.489	18.96	22.32	95040	85520	111900	100690	1.00	8.0	12.5	
3	1.151	5	0.656	0.31	0.338	13.00	15.85	92470	84810	112770	103430	1.20	8.0	15.0	
4	1.051	5	0.627	0.31	0.309	10.77	13.73	76660	76910	97690	98000	1.30	8.0	16.3	
5	0.681	4	0.505	0.20	0.200	7.19	9.25	79250	79250	101960	101960	1.00	8.0	12.5	
6	0.670	4	0.501	0.20	0.197	7.90	9.48	87120	88450	104540	106130	1.00	8.0	12.5	
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**BEND TEST:**

--	No Bend test performed	<b>Note:-</b>  Only Six Samples Received and Tested

Note: Please always confirm the results of above report on web [www.uet-civil.edu.pk](http://www.uet-civil.edu.pk)

Maj Adnan khalid®

**Test Performed By:** Dr. /Engr.

S. Asad Ali  
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Dy Dir MTL, Proposed Commercial Plaza, DRGCC Ph-III, DHA Ph-VI, (M/S Construct)

**Client Reference:** 408/241/E/Estb/Lab/54 & 6458

**SOM Lab**

**Ref:** 4098(Page-1/1)

**Dated:** 24-03-2021

**Dated:** 23-09-2020

**Test:** Tension Test

**Test Specification:**

ASTM-A-615

**Gauge Length:** 8 inch

**Sample Type:**

Deformed Bar (KAMRAN 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 <sup>2</sup>	in <sup>2</sup>	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	0.593	4	0.471	0.20	0.174	5.27	7.77	58120	66800	85660	98460	1.00	8.0	12.5	
2	0.594	4	0.472	0.20	0.175	5.35	7.75	59020	67450	85430	97640	1.30	8.0	16.3	
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**BEND TEST:**

--	No Bend test performed	<b>Note:-</b>  Only Two Samples Received and Tested

Note: Please always confirm the results of above report on web [www.uet-civil.edu.pk](http://www.uet-civil.edu.pk)