

Fareed Ahmed -CEO
 IMAARAT Construction Pvt. Ltd. Lahore

Test Performed By: Dr. /Engr. Numan Khurram

Client Reference: IC/MT/0001/2019

SOM Lab Ref: 72(Page-1/1)

Dated: 03-01-2019

Dated: 03-01-2019

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Deformed Bar (Mughal Supreme Steel)

Gauge Length: 8 inch

Sample Type:

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	0.651	4	0.493	0.20	0.191	7.70	9.25	84870	88870	101960	106760	1.10	8.0	13.8	
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BEND TEST:

# 4	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Two Samples Received and Tested

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

Shoaib Ullah
 Al-hamd General, Engineering Services, Lahore

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SOM Lab
 Ref: 73(Page-1/1)
 Dated: 03-01-2019

Test: Tension Test & Bend Test Test Specification:

ASTM-A-615
 Deformed
 Bar

Gauge Length: 8 inch Sample Type:

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	2.572	8	0.981	0.79	0.756	26.27	34.48	73340	76640	96250	100570	1.50	8.0	18.8	
2	1.673	6	0.791	0.44	0.492	17.40	22.88	87220	78000	114710	102590	1.50	8.0	18.8	
3	0.612	4	0.479	0.20	0.180	6.73	8.28	74190	82430	91280	101420	1.00	8.0	12.5	
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BEND TEST:

# 8	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Six Samples Received and Tested
# 6	Sample bend through 180 degrees Satisfactorily without any crack	
# 4	Sample bend through 180 degrees Satisfactorily without any crack	

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

