

Z. H. Kazmi
Principal Architect, Z. H. Kazmi & Associates, Lahore

Test Performed By: Dr. /Engr.

S Asad Ali
Gillani

Client Reference: nil

SOM Lab

Ref: 3497(Page-1/1)

Dated: 23-12-2020

Dated: 23-12-2020

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Deformed

Gauge Length: 8 inch

Sample Type:

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	2.632	8	0.992	0.79	0.773	26.22	34.45	73200	74810	96190	98300	1.20	8.0	15.0	
2	2.633	8	0.993	0.79	0.774	26.22	34.35	73200	74710	95900	97890	1.10	8.0	13.8	
3	1.473	6	0.743	0.44	0.433	15.09	18.45	75620	76850	92480	93980	1.30	8.0	16.3	
4	1.490	6	0.747	0.44	0.438	15.04	18.86	75370	75710	94530	94960	1.20	8.0	15.0	
5	0.671	4	0.501	0.20	0.197	6.12	9.40	67450	68470	103640	105220	1.10	8.0	13.8	
6	0.677	4	0.503	0.20	0.199	6.12	9.48	67450	67790	104540	105070	1.20	8.0	15.0	
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BEND TEST:

# 8	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Nine 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

Syed Mohsin Ali
 QA/QC, Department, Bahria Town, (Pvt) Ltd Lahore

Test Performed By: Dr. /Engr.

S. Asad Ali
Gillani

Client Reference: QA/QC-Steel-2204

SOM Lab

Ref: 3488(Page-1/1)

Dated: 22-12-2020

Dated: 23-12-2020

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Deformed Bar(FF
 Ssteel)

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	2.577	8	0.982	0.79	0.757	25.43	34.10	71000	74100	95190	99340	1.30	8.0	16.3	
2	2.617	8	0.990	0.79	0.769	24.99	33.61	69780	71690	93830	96390	1.40	8.0	17.5	
3	1.454	6	0.737	0.44	0.427	14.58	20.03	73070	75290	100400	103460	1.30	8.0	16.3	
4	1.463	6	0.740	0.44	0.430	14.44	18.67	72400	74090	93610	95780	1.30	8.0	16.3	
5	0.647	4	0.492	0.20	0.190	6.09	8.31	67110	70640	91610	96440	1.50	8.0	18.8	
6	0.653	4	0.494	0.20	0.192	6.03	8.32	66550	69320	91730	95550	1.40	8.0	17.5	
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