

Khaiwa Khan & Brothers.

Test Performed By:

Dr. /Engr.

Nauman
Khurram

Engineers Building Contractors & Interior Decorators, Islamabad

Client Reference: nil

SOM Lab

Ref:

744(Page-1/1)

Dated: 02-05-2019

Dated:

02-05-2019

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	1.557	6	0.764	0.44	0.458	12.76	20.05	63970	61460	100500	96560	1.00	8.0	12.5	
2	1.556	6	0.763	0.44	0.457	11.98	18.37	60040	57810	92070	88650	1.10	8.0	13.8	
3	0.689	4	0.507	0.20	0.202	5.93	9.23	65420	64780	101730	100720	1.30	8.0	16.3	
4	0.671	4	0.501	0.20	0.197	5.45	8.53	60140	61060	94090	95520	1.40	8.0	17.5	
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BEND TEST:

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

Nasir Rafi Associates
44-B, Tipu Block, New Gardan Town, Lahore

Test Performed By: Dr. /Engr. Ali Ahmed

Client Reference: 410/6/Business Hub/Ph-VIII/M&F

SOM Lab

Ref: 784(Page-1/1)

Dated: 02-05-2019

Dated: 08-05-2019

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Deformed Bar (FF 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	1.457	6	0.738	0.44	0.428	13.40	18.78	67190	69080	94120	96760	1.10	8.0	13.8	
2	1.450	6	0.736	0.44	0.426	13.17	18.88	66020	68190	94630	97740	1.30	8.0	16.3	
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BEND TEST:

# 6	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