

Mascon Associates Pvt.Ltd

Test Performed By:

Dr. /Engr. Asad Ali Gillani

RE (Civil) Jv HA Consulting .(Estb Od Model Bazaar Head Office Building)

Client Reference: MAC-HAC/22/PMBMC/LT/007

SOM Lab

Ref: 727 (Page-1/1)

Dated: 05-08-2022

Dated: 11-08-2022

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (Ittefaq 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	2.702	8	1.005	0.79	0.794	27.14	36.09	75760	75380	100740	100230	1.50	8.0	18.8	
2	1.524	6	0.755	0.44	0.448	15.70	19.67	78690	77280	98610	96850	1.00	8.0	12.5	
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BEND TEST:

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

Assistant Project Director,

Test Performed By:

Dr. /Engr. Asad Ali Gillani

PMU-SBP Multan.(Estb Of Soft & Green Sports Facilities at 9-T Budha Sanat & UC Chappran Wala)

Client Reference: ADP/PMU/SBP/Multan/2022/06

SOM Lab

Ref: 728 (Page-1/1)

Dated: 27-04-2022

Dated: 11-08-2022

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed 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	0.681	4	0.505	0.20	0.200	6.98	9.60	77000	77000	105890	105890	1.40	8.0	17.5	
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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

Irfan Siddique

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

Building Standards Lahore.(Extracted From RCC Floor Of Industrial Halls In Kasur)

Client Reference: GT/LTR/220810-078

SOM Lab

Ref:

729 (Page-1/1)

Dated: 10-08-2022

Dated:

11-08-2022

Test: Tension Test & Bend Test

Test Specification:

ASTM A-615

Gauge Length: 8 Inch

Sample Type:

Deformed Bar (F Hall-3,GL LM/10)

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	0.600	4	0.473	0.20	0.176	7.26	8.74	80040	90950	96340	109470	1.00	8.0	12.5	
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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

Engr. Shahid Iqbal

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

MC Trans-Continental Fright (Pvt) Ltd.(Const Of TAQ House-Gulberg At Plot No.6F G-II Lahore)

Client Reference: THG/004/UET

SOM Lab

Ref: 730 (Page-1/1)

Dated: 11-08-2022

Dated: 11-08-2022

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type: Deformed Bar (Mughal)

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	1.662	6	0.788	0.44	0.488	18.11	22.09	90800	81870	110720	99830	1.30	8.0	16.3	
2	1.657	6	0.787	0.44	0.487	18.32	22.24	91820	82960	111490	100730	1.20	8.0	15.0	
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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

Sub Divisional Officer, BSD

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

Mandi Bahauddin. (Prov. Of Infra. Academic & Operational Facilities To The Punjab Uni Of Tech Rasul)

Client Reference: 298/MB

SOM Lab

Ref: 731 (Page-1/1)

Dated: 12-06-2022

Dated: 11-08-2022

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type: Deformed 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	2.662	8	0.998	0.79	0.782	28.13	34.83	78550	79350	97240	98240	1.50	8.0	18.8	
2	1.507	6	0.751	0.44	0.443	12.74	19.03	63870	63440	95400	94750	1.40	8.0	17.5	
3	0.672	4	0.501	0.20	0.197	5.96	8.23	65760	66760	90720	92100	1.20	8.0	15.0	
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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