

M.Siddique Sons

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

Engg Concern (Pvt)Ltd Lahore.(Engro Enfrasharo Tower Supply)

Client Reference: SS/Latter # 802

Dated: 09-09-2022

SOM Lab Ref: CED/SOM/912(Page-1/1)

Dated: 14-09-2022

Test: Tension Test & Bend Test

Test Specification: ASTM-A 615

Sample Type: Plain Bar

Gauge Length: 200 mm

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)				
	kg/m	mm	mm	mm ²	mm ²	kN	kN	MPa	MPa	MPa	MPa	mm	mm	%	
1	5.118	28	28.81	616	652	251.70	396.50	409	387	644	609	37.5	200	18.8	
2	2.590	20	20.50	314	330	154.00	256.00	490	467	815	776	32.5	200	16.3	
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BEND TEST:

--	No Bend test performed	Note:- Only Two Samples Received and Tested

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

Vertical Heights
Lahore.(Vertical heights plot # 68 B2 Gulberg-III Lahore)

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

Client Reference: Nil

SOM Lab

Ref: 911 (Page-1/1)

Dated: 14-09-2022

Dated: 14-09-2022

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (Batala 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	1.480	6	0.744	0.44	0.435	13.10	19.34	65660	66410	96930	98040	1.00	8.0	12.5	
2	1.485	6	0.745	0.44	0.436	13.25	19.54	66430	67040	97950	98850	1.00	8.0	12.5	
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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

Talha Javaid

Test Performed By:

Dr. /Engr. Asad Ali Gillani

Planning & Coordination Engineer Construct.(Fairways Commercial Plazas 27 Units Extension)

Client Reference: LT/PCE/PT/220913

SOM Lab

Ref: 913 (Page-1/1)

Dated: 13-09-2022

Dated: 14-09-2022

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	0.672	4	0.501	0.20	0.197	8.56	10.24	94420	95860	112970	114690	1.10	8.0	13.8	
2	0.672	4	0.501	0.20	0.197	8.10	10.21	89370	90730	112630	114350	1.20	8.0	15.0	
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BEND TEST:

# 4	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

Usman Industries
Lahore

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

Client Reference: Nil

SOM Lab

Ref: 914 (Page-1/1)

Dated: 14-09-2022

Dated: 14-09-2022

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (Batala Premium)

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	2.704	8	1.006	0.79	0.795	24.08	34.93	67220	66800	97530	96910	1.30	8.0	16.3	
2	2.709	8	1.007	0.79	0.796	22.80	35.42	63660	63180	98890	98150	1.50	8.0	18.8	
3	1.543	6	0.759	0.44	0.453	13.25	18.98	66430	64520	95140	92410	1.30	8.0	16.3	
4	1.533	6	0.758	0.44	0.451	13.30	19.03	66680	65060	95400	93070	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	

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

Syed Abul Jabbar
GM Engg. Cotton Web Ltd.Lahore.(New Office Building)

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

Client Reference: Nil

SOM Lab

Ref: 915 (Page-1/1)

Dated: 13-09-2022

Dated: 14-09-2022

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (FF 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	2.642	8	0.994	0.79	0.776	24.62	33.35	68730	69970	93120	94800	1.40	8.0	17.5	
2	2.676	8	1.000	0.79	0.786	25.08	33.91	70010	70370	94680	95160	1.30	8.0	16.3	
3	1.489	6	0.747	0.44	0.438	14.24	19.85	71380	71710	99480	99940	1.30	8.0	16.3	
4	1.476	6	0.743	0.44	0.434	14.22	19.88	71280	72270	99640	101010	1.30	8.0	16.3	
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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	

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

Premier Developer & Builders

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

Procurement Manager .(Lyalpur Galleria-II Near Four Season Colony Samundri Road,FSD)

Client Reference: LG-II/025

SOM Lab

Ref: 916 (Page-1/1)

Dated: 12-09-2022

Dated: 14-09-2022

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type: Deformed Bar (FF 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	2.615	8	0.989	0.79	0.768	24.92	33.05	69580	71580	92260	94900	1.50	8.0	18.8	
2	1.481	6	0.744	0.44	0.435	14.42	18.47	72300	73130	92590	93650	1.30	8.0	16.3	
3	0.662	4	0.498	0.20	0.195	6.29	8.53	69360	71140	94090	96500	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