

Muhammad Khurram Khan

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

GM Al Noor Builders, Dev & Town Planners. (Apex Mall Bwp, 34-A Mall Rd, Model Town A, Bahawalpur)

Client Reference: AL-0058-26/22

Dated: 26-10-2022

SOM Lab Ref: CED/SOM/1162(Page-1b/1)

Dated: 26-10-2022

Test: Tension Test & Bend Test

Test Specification: ASTM-A 615

Sample Type: MS Deformed Bar (Kamran Steel)

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	0.866	12	11.84	113	110	54.70	70.20	484	498	621	639	25.0	200	12.5	
2	0.879	12	11.94	113	112	54.20	72.00	479	485	637	644	30.0	200	15.0	
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BEND TEST:

12mm	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

Muhammad Khurram Khan

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

GM Al Noor Builders, Dev & Town Planners. (Apex Mall Bwp, 34-A Mall Rd, Model Town A, Bahawalpur)

Client Reference: AL-0058-26/22

SOM Lab

Ref: 1162 (Page-1a/1)

Dated: 26-10-2022

Dated: 28-10-2022

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type: Deformed Bar (Kamran 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	2.639	8	0.994	0.79	0.776	25.96	36.34	72480	73790	101450	103280	1.20	8.0	15.0	
2	2.642	8	0.994	0.79	0.776	25.91	36.36	72340	73650	101510	103340	1.10	8.0	13.8	
3	1.483	6	0.745	0.44	0.436	13.71	19.03	68730	69360	95400	96270	1.50	8.0	18.8	
4	1.486	6	0.746	0.44	0.437	13.68	19.03	68570	69040	95400	96050	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

Haji Ismail

Test Performed By:

Dr. /Engr. Asad Ali Gillani

Technical Head, Khatam-ul -Anbiya Mosque Mauza Jhandewal Distt. Gujrat.

Client Reference: ATL/UET/10/22-23

SOM Lab

Ref: 1163 (Page-1/1)

Dated: 28-10-2022

Dated: 28-10-2022

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	2.725	8	1.010	0.79	0.801	24.77	33.69	69160	68210	94050	92760	1.50	8.0	18.8	
2	2.718	8	1.009	0.79	0.799	24.46	33.59	68300	67530	93770	92710	1.40	8.0	17.5	
3	1.513	6	0.753	0.44	0.445	13.93	18.98	69850	69060	95140	94070	1.20	8.0	15.0	
4	1.517	6	0.754	0.44	0.446	14.13	19.18	70820	69870	96160	94870	1.20	8.0	15.0	
5	0.711	4	0.516	0.20	0.209	7.03	9.37	77560	74220	103300	98860	1.30	8.0	16.3	
6	0.704	4	0.513	0.20	0.207	7.03	9.45	77560	74940	104200	100680	1.20	8.0	15.0	
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BEND TEST:

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

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/030

SOM Lab

Ref: 1165 (Page-1/1)

Dated: 27-10-2022

Dated: 28-10-2022

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	2.654	8	0.997	0.79	0.780	25.94	33.84	72430	73360	94480	95690	1.50	8.0	18.8	
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BEND TEST:

# 8	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

