

Azeem Randhawa

Test Performed By:

Dr. /Engr.

Nauman Khurram

Project Engr. Centure Ventures Lahore (Century Venture 1, MM Alam Road Lahore)

Client Reference: CV1/ST/03

SOM Lab

Ref:

955 (Page-1/1)

Dated: 19-09-2022

Dated:

21-09-2022

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (Model 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	2.631	8	0.992	0.79	0.773	25.08	34.96	70010	71550	97610	99760	1.20	8.0	15.0	
2	2.734	8	1.011	0.79	0.803	24.18	34.07	67500	66410	95110	93570	1.50	8.0	18.8	
3	1.487	6	0.746	0.44	0.437	13.88	18.47	69590	70070	92590	93220	1.30	8.0	16.3	
4	1.497	6	0.748	0.44	0.440	13.61	18.86	68210	68210	94530	94530	1.20	8.0	15.0	
5	0.651	4	0.493	0.20	0.191	7.16	9.50	78910	82630	104770	109700	0.90	8.0	11.3	
6	0.638	4	0.488	0.20	0.187	6.07	8.41	66890	71540	92740	99190	0.90	8.0	11.3	
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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

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Test Performed By:

Dr. /Engr. Nauman Khurram

PM State Grid CEPET.(500Kv D/C Transmission Line Nokhar S/S-Lahore North S/S-Lahore)

Client Reference: CET/ADB-301A/SEC-II/UET-22-713

SOM Lab

Ref: 956 (Page-1/1)

Dated: 21-09-2022

Dated: 21-09-2022

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	1.468	6	0.741	0.44	0.431	15.34	19.78	76900	78510	99130	101200	1.20	8.0	15.0	
2	1.457	6	0.738	0.44	0.428	14.02	18.83	70260	72230	94370	97020	1.20	8.0	15.0	
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Witnessed By: Ibrar Ahmed (Junior Expert.NESPAK),Usama Ghafor (J.Engr,CET)

BEND TEST:

# 6	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

Premier Developer & Builders

Test Performed By:

Dr. /Engr. Nauman Khurram

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

Client Reference: LG-II/026

SOM Lab

Ref: 957 (Page-1/1)

Dated: 20-09-2022

Dated: 21-09-2022

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (Amreli 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	2.599	8	0.986	0.79	0.764	26.22	32.28	73200	75690	90130	93190	1.00	8.0	12.5	
2	1.641	6	0.783	0.44	0.482	18.60	21.89	93250	85120	109700	100140	1.20	8.0	15.0	
3	0.597	4	0.472	0.20	0.175	6.65	7.46	73290	83760	82290	94040	0.80	8.0	10.0	
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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

Muhammad Akhtar Brigadier ®
 PD New Metro City Housing Scheme, Sara-I-Alamgir

Test Performed By: Dr. /Engr. Nauman Khurram

Client Reference: BSM/NMC/QA/104

SOM Lab

Ref: 958 (Page-1/2)

Dated: 15-09-2022

Dated: 21-09-2022

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (Islamabad Supreme)

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	1.516	6	0.754	0.44	0.446	14.29	19.59	71640	70670	98210	96880	1.10	8.0	13.8	
2	1.520	6	0.754	0.44	0.447	14.65	20.20	73430	72280	101270	99690	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

Muhammad Akhtar Brigadier ®
 PD New Metro City Housing Scheme, Sara-I-Alamgir

Test Performed By: Dr. /Engr. Nauman Khurram

Client Reference: BSM/NMC/QA/103

SOM Lab

Ref: 958 (Page-2/2)

Dated: 15-09-2022

Dated: 21-09-2022

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (Farooq Supreme)

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	0.650	4	0.493	0.20	0.191	6.63	8.82	73070	76510	97230	101820	0.90	8.0	11.3	
2	0.652	4	0.494	0.20	0.192	6.73	9.14	74190	77280	100830	105030	1.00	8.0	12.5	
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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