

Premier Developer & Builders

Test Performed By:

Dr. /Engr. Asad Ali Gillani

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

Client Reference: LG-II/029

SOM Lab

Ref: 1118 (Page-1/1)

Dated: 19-10-2022

Dated: 21-10-2022

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	2.623	8	0.991	0.79	0.771	28.82	35.52	80450	82430	99180	101620	1.20	8.0	15.0	
2	0.623	4	0.483	0.20	0.183	6.12	7.36	67450	73710	81160	88700	1.30	8.0	16.3	
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BEND TEST:

# 8	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Four 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

Sub Divisional officer,
PHE:Sub Div Fsd.(Provision Of Sewerage system at Dijkot Distt Faisalabad)

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

Client Reference: 967

SOM Lab

Ref: 1119 (Page-1/1)

Dated: 13-09-2022

Dated: 21-10-2022

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	0.595	4	0.472	0.20	0.175	4.94	7.34	54520	62310	80940	92500	1.10	8.0	13.8	
2	0.594	4	0.472	0.20	0.175	4.91	7.34	54180	61920	80940	92500	1.50	8.0	18.8	
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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

Syed Mohsin Ali RE

Test Performed By:

Dr. /Engr.

Irfan UI Hassan

QA/QC Deptt. Bahria Town Lhr. (Muhammad Ali Jinnah Masjid Block D Bahria Orchard)

Client Reference: QA/QC/Steel-2861

SOM Lab

Ref:

1121 (Page-1/1)

Dated: 21-10-2022

Dated:

21-10-2022

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	2.602	8	0.987	0.79	0.765	24.16	34.93	67450	69650	97530	100710	1.50	8.0	18.8	
2	2.600	8	0.986	0.79	0.764	23.82	34.45	66510	68770	96190	99460	1.60	8.0	20.0	
3	1.472	6	0.743	0.44	0.433	13.43	18.11	67290	68380	90800	92260	1.50	8.0	18.8	
4	1.475	6	0.743	0.44	0.433	13.46	18.22	67450	68540	91310	92780	1.40	8.0	17.5	
5	0.673	4	0.502	0.20	0.198	6.52	8.61	71940	72670	94990	95950	1.30	8.0	16.3	
6	0.668	4	0.500	0.20	0.196	6.47	8.61	71380	72840	94990	96930	1.30	8.0	16.3	
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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

Associate Consulting Engineers
(ACE)

RE (ACE) UAEET Sambrial, Sialkot. (Estb Of UAEET Sambrial, Sialkot)

Test Performed By:

Dr. /Engr. Asad Ali Gillani

Client Reference: TE/UAEET/ACE/2022/53

Dated: 20-10-2022

SOM Lab

Ref: 1122 (Page-1/1)

Dated: 21-10-2022

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Deformed Bar (A.F

Gauge Length: 8 inch

Sample Type:

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	2.728	8	1.011	0.79	0.802	26.81	35.95	74850	73730	100370	98870	0.90	8.0	11.3	
2	2.738	8	1.012	0.79	0.805	24.33	34.15	67930	66670	95340	93560	1.00	8.0	12.5	
3	1.504	6	0.750	0.44	0.442	14.04	19.16	70360	70040	96060	95630	1.10	8.0	13.8	
4	1.501	6	0.749	0.44	0.441	14.48	19.85	72560	72390	99480	99260	1.00	8.0	12.5	
5	0.670	4	0.501	0.20	0.197	7.05	8.94	77790	78970	98580	100080	0.90	8.0	11.3	
6	0.670	4	0.501	0.20	0.197	7.09	9.38	78240	79430	103420	104990	1.00	8.0	12.5	
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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

Muhammad Asif

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

PM Imperium Developers,Lahore.(Const Of Sixty6 at Gulberh-III,Lahore)

Client Reference: IMP/PM/66/03/103

SOM Lab

Ref:

1123 (Page-1/1)

Dated: 21-10-2022

Dated:

21-10-2022

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	0.657	4	0.496	0.20	0.193	6.49	8.89	71610	74200	98020	101580	1.40	8.0	17.5	
2	0.661	4	0.497	0.20	0.194	6.78	9.17	74750	77070	101170	104300	1.00	8.0	12.5	
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Witnessed By: Nazam Sohail (Imperium Developers)

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

Muhammad Awais, Nespak RE

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

(Const Superv Of Infrastruction Dev Works Of GEPCO Employees Housing Foundation Gujranwala)

Client Reference: P4265/22/MA/117

SOM Lab

Ref: 1124(Page-1/1)

Dated: 21-10-2022

Dated: 21-10-2022

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	2.625	8	0.991	0.79	0.771	23.98	33.40	66940	68580	93260	95560	1.60	8.0	20.0	
2	2.619	8	0.990	0.79	0.770	24.06	33.56	67160	68910	93680	96120	1.60	8.0	20.0	
3	1.437	6	0.733	0.44	0.422	14.04	18.83	70360	73360	94370	98400	1.40	8.0	17.5	
4	1.429	6	0.731	0.44	0.420	14.09	18.67	70620	73980	93610	98060	1.20	8.0	15.0	
5	0.655	4	0.494	0.20	0.192	6.88	9.02	75880	79040	99480	103630	1.20	8.0	15.0	
6	0.662	4	0.498	0.20	0.195	6.98	9.04	77000	78980	99710	102260	1.10	8.0	13.8	
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Witnessed By: Syed Bilal Ghazi (Chief M.specialist, Nespak)

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

Saqib Naeem

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

PC Senior Engr NESPAK.(Const Of Flyover Rajjar Railway Crossing At Sarai Alamgir Distt Gujrat)

Client Reference: SA-4376F/103/Raj/ML/Lab/05

SOM Lab

Ref: 1125 (Page-1/1)

Dated: 21-10-2022

Dated: 21-10-2022

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	2.667	8	0.999	0.79	0.784	23.31	33.20	65090	65580	92690	93400	1.60	8.0	20.0	
2	2.604	8	0.987	0.79	0.765	27.42	35.07	76550	79060	97900	101100	1.10	8.0	13.8	
3	1.477	6	0.743	0.44	0.434	15.19	18.91	76130	77190	94780	96090	1.50	8.0	18.8	
4	1.490	6	0.747	0.44	0.438	15.21	19.22	76240	76580	96320	96750	1.50	8.0	18.8	
5	1.020	5	0.618	0.31	0.300	10.16	12.61	72310	74720	89710	92700	1.30	8.0	16.3	
6	1.017	5	0.617	0.31	0.299	10.43	12.59	74190	76920	89570	92860	1.10	8.0	13.8	
7	0.657	4	0.496	0.20	0.193	6.24	9.17	68800	71290	101170	104840	1.30	8.0	16.3	
8	0.651	4	0.493	0.20	0.191	6.27	9.17	69130	72390	101170	105940	1.30	8.0	16.3	
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Witnessed By: Abrar Hussain, SLT Asghar & Co

BEND TEST:

# 8	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Twelve Samples Received and Tested
# 6	Sample bend through 180 degrees Satisfactorily without any crack	
# 5	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

Azeem Randhawa

Test Performed By:

Dr. /Engr.

Irfan UI Hassan

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

Client Reference: CV1/ST/04

SOM Lab

Ref:

1126 (Page-1/1)

Dated: 21-10-2022

Dated:

21-10-2022

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (PK 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	2.413	8	0.950	0.79	0.709	16.48	23.98	46020	51280	66940	74580	0.70	8.0	8.8	
2	2.475	8	0.962	0.79	0.727	17.35	27.22	48440	52640	75980	82570	1.30	8.0	16.3	
3	1.451	6	0.736	0.44	0.426	8.18	11.31	40980	42330	56720	58580	0.50	8.0	6.3	
4	1.442	6	0.735	0.44	0.424	10.30	16.23	51610	53560	81340	84410	1.20	8.0	15.0	
5	0.574	4	0.464	0.20	0.169	4.00	5.86	44070	52150	64640	76490	1.20	8.0	15.0	
6	0.539	4	0.449	0.20	0.158	3.85	5.58	42490	53790	61490	77830	1.30	8.0	16.3	
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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

Azeem Randhawa

Test Performed By:

Dr. /Engr.

Irfan Ul Hassan

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

SOM Lab

Client Reference: CV1/ST/04

Ref:

1126 (Page-1/1)

Dated: 21-10-2022

Dated:

21-10-2022

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (PK 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	2.413	8	0.950	0.79	0.709	16.48	23.98	46020	51280	66940	74580	0.70	8.0	8.8	
2	2.475	8	0.962	0.79	0.727	17.35	27.22	48440	52640	75980	82570	1.30	8.0	16.3	
3	1.451	6	0.736	0.44	0.426	8.18	11.31	40980	42330	56720	58580	0.50	8.0	6.3	
4	1.442	6	0.735	0.44	0.424	10.30	16.23	51610	53560	81340	84410	1.20	8.0	15.0	
5	0.574	4	0.464	0.20	0.169	4.00	5.86	44070	52150	64640	76490	1.20	8.0	15.0	
6	0.539	4	0.449	0.20	0.158	3.85	5.58	42490	53790	61490	77830	1.30	8.0	16.3	
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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

Azeem Randhawa

Test Performed By:

Dr. /Engr.

Irfan UI Hassan

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

Client Reference: CV1/ST/04

SOM Lab

Ref:

1126 (Page-1/1)

Dated: 21-10-2022

Dated:

21-10-2022

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Deformed Bar (PK

Gauge Length: 8 inch

Sample Type:

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	2.413	8	0.950	0.79	0.709	16.48	23.98	46020	51280	66940	74580	0.70	8.0	8.8	
2	2.475	8	0.962	0.79	0.727	17.35	27.22	48440	52640	75980	82570	1.30	8.0	16.3	
3	1.451	6	0.736	0.44	0.426	8.18	11.31	40980	42330	56720	58580	0.50	8.0	6.3	
4	1.442	6	0.735	0.44	0.424	10.30	16.23	51610	53560	81340	84410	1.20	8.0	15.0	
5	0.574	4	0.464	0.20	0.169	4.00	5.86	44070	52150	64640	76490	1.20	8.0	15.0	
6	0.539	4	0.449	0.20	0.158	3.85	5.58	42490	53790	61490	77830	1.30	8.0	16.3	
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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

Khiam Sarwar

Chemical Engr,

Fawchem

Construction Chemicals, Lahore

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

(Project: Convection Section(HLCL) Rehabilitation

Foundation at Pak Arab Fertilizer Pvt.Ltd Plant Site Multan)

Client Reference: 9459/FC/22

SOM Lab Ref: CED/SOM/1120

Dated: 20-10-2022

Dated: 21-10-2022

Test: Tensile Strength

Gauge Length: 4 Inch

Tensile Test (Anchors Bolts)

Sr No.	Sample Type	Original Dia of Samples (mm)	Tested Dia of Samples (mm)	Yield Load (kN)	Ultimate Load (kN)	Yield Strength (MPa)	Tensile Strength (MPa)	%age Elongation
1	Anchor Bolt (M28x800mm)	28	18.80	180.0	222.5	648.43	801.54	10.0
2	Anchor Bolt (M24x700mm)	24	15.70	154.0	181.7	795.49	938.58	7.5
3	Anchor Bolt (M20x600mm)	20	13.80	108.5	142.5	725.41	952.73	10.0

