

Yahya Khalid

Test Performed By:

Dr. /Engr.

Nauman Khurram

C.E.O TAMEER KARO Contruisci (Pvt) Ltd. Lahore.(C-31-20Lake City Lahore)

Client Reference: Nil

SOM Lab

Ref:

959 (Page-1/1)

Dated: 21-09-2022

Dated:

22-09-2022

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	2.650	8	0.996	0.79	0.779	28.70	36.26	80110	81240	101230	102660	1.20	8.0	15.0	
2	2.659	8	0.997	0.79	0.781	29.58	37.13	82590	83540	103640	104840	1.10	8.0	13.8	
3	1.418	6	0.729	0.44	0.417	14.65	18.83	73430	77480	94370	99580	1.00	8.0	12.5	
4	1.421	6	0.730	0.44	0.418	15.41	19.39	77260	81320	97180	102300	1.00	8.0	12.5	
5	0.657	4	0.496	0.20	0.193	5.88	8.84	64860	67210	97460	100990	1.30	8.0	16.3	
6	0.658	4	0.496	0.20	0.193	5.91	8.89	65200	67560	98020	101580	1.10	8.0	13.8	
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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 Shafi

Test Performed By:

Dr. /Engr. Irfan UI Hassan

Dy.Manager PIEDMC,(Const And Maintenance Works Chunian Aqua Business Park,Chunian)

Client Reference: PIE/CABP/QAQC/MSL/07

SOM Lab

Ref: 961 (Page-1/1)

Dated: 22-09-2022

Dated: 22-09-2022

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	0.673	4	0.502	0.20	0.198	6.42	8.58	70820	71540	94650	95610	1.30	8.0	16.3	
2	0.673	4	0.502	0.20	0.198	6.40	8.58	70600	71310	94650	95610	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

Design Force (Pvt) Ltd.

Test Performed By:

Dr. /Engr. Irfan UI Hassan

Rawalpindi.(Const Of APL Retail Outlet Dandewal Rest Area M-4 Motorway)

Client Reference: DFPL/M4/Steel/22

SOM Lab

Ref: 962 (Page-1/1)

Dated: 21-09-2022

Dated: 22-09-2022

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	1.500	6	0.749	0.44	0.441	15.60	19.78	78180	78000	99130	98900	1.50	8.0	18.8	
2	1.501	6	0.749	0.44	0.441	15.55	19.67	77920	77750	98610	98390	1.20	8.0	15.0	
3	1.034	5	0.622	0.31	0.304	9.76	13.53	69410	70780	96240	98140	1.20	8.0	15.0	
4	1.032	5	0.621	0.31	0.303	9.56	13.30	68030	69600	94640	96830	1.50	8.0	18.8	
5	0.688	4	0.507	0.20	0.202	7.19	9.35	79250	78470	103080	102060	1.00	8.0	12.5	
6	0.693	4	0.510	0.20	0.204	7.19	9.28	79250	77700	102290	100290	1.30	8.0	16.3	
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BEND TEST:

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

Naeem Anjum

Test Performed By:

Dr. /Engr.

Irfan UI Hassan

GM T&T Brothers.(Const Of APL Retail Outlet Jumani Service Area M-4)

Client Reference: TTB/UET-Steel/0013

SOM Lab

Ref:

963 (Page-1/1)

Dated: 22-09-2022

Dated:

22-09-2022

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	1.532	6	0.757	0.44	0.450	16.00	20.13	80220	78440	100910	98670	1.20	8.0	15.0	
2	1.526	6	0.755	0.44	0.448	15.70	20.13	78690	77280	100910	99110	1.10	8.0	13.8	
3	1.041	5	0.624	0.31	0.306	9.89	13.20	70350	71270	93920	95140	1.20	8.0	15.0	
4	1.036	5	0.622	0.31	0.304	10.01	13.25	71220	72620	94280	96140	1.40	8.0	17.5	
5	0.673	4	0.502	0.20	0.198	5.79	8.84	63850	64500	97460	98440	1.20	8.0	15.0	
6	0.669	4	0.501	0.20	0.197	5.83	8.79	64300	65280	96900	98370	1.30	8.0	16.3	
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BEND TEST:

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

Muhammad Azam Zafar,S.Engr

Test Performed By:

Dr. /Engr. Asad Ali Gillani

Pak PWD,Lhr.(Const Of Boundary Wall For The Office Of The Dist Election Commissioner Narowal)

Client Reference: SE/PCC/LHR/W.688/1518

SOM Lab

Ref: 964 (Page-1/1)

Dated: 21-09-2022

Dated: 22-09-2022

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	0.573	4	0.462	0.20	0.168	4.99	6.95	55080	65570	76660	91270	1.30	8.0	16.3	
2	0.547	4	0.453	0.20	0.161	4.61	7.24	50810	63120	79810	99140	1.10	8.0	13.8	
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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

M. Tariq Shahzad
 Exec Dir Projects, The Lake City Developers (Pvt) Ltd Lahore.

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

Client Reference: LCRG/Test/008
Dated: 22-09-2022
Test: Tension Test & Bend Test
Gauge Length: 8 inch

Test Specification: ASTM-A-615
Sample Type: Deformed Bar

SOM Lab
Ref: 965 (Page-1/3)
Dated: 22-09-2022

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	0.665	4	0.498	0.20	0.195	5.98	7.92	65990	67680	87340	89580	1.20	8.0	15.0	
2	0.668	4	0.500	0.20	0.196	6.09	8.02	67110	68480	88470	90270	1.10	8.0	13.8	
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Witnessed By: Jafar Khan (Land Surveyor, Unison Pvt)

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

M. Tariq Shahzad
 Exec Dir Projects, The Lake City Developers (Pvt) Ltd Lahore.

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

Client Reference: LCRG/Test/009

SOM Lab

Ref: 965 (Page-2/3)

Dated: 22-09-2022

Dated: 22-09-2022

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	1.555	6	0.763	0.44	0.457	15.67	21.22	78530	75610	106380	102420	1.20	8.0	15.0	
2	1.538	6	0.759	0.44	0.452	15.36	21.05	77000	74960	105510	102710	1.30	8.0	16.3	
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Witnessed By: Jafar Khan (Land Surveyor, Unison Pvt)

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

M. Tariq Shahzad
 Exec Dir Projects, The Lake City Developers (Pvt) Ltd Lahore.

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

Client Reference: LCRG/Test/010
Dated: 22-09-2022
Test: Tension Test & Bend Test
Gauge Length: 8 inch

Test Specification: ASTM-A-615
Sample Type: Deformed Bar

SOM Lab
Ref: 965 (Page-3/3)
Dated: 22-09-2022

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	2.605	8	0.988	0.79	0.766	24.69	36.51	68930	71090	101940	105130	1.40	8.0	17.5	
2	2.600	8	0.986	0.79	0.764	24.87	36.87	69440	71800	102930	106440	1.10	8.0	13.8	
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Witnessed By: Jafar Khan (Land Surveyor, Unison Pvt)

BEND TEST:

# 8	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

Test Performed by: .S. Asad Ali Gillani

Zaheer Ahmad
C.E.O SAMCON Associates Lahore.
(Scaffolding Couplers for PEPSICO, Multan)

Client Reference No.: SAM/03-2022

Dated: 21-09-2022

SOM Lab Ref: CED/SOM/960(Page 1/1)

Dated: 22-09-2022

Test Type: Load Test

Sample Type: MS Scaffolding Couplers

Specification: BS 1139

Load Test Results

Sample No.	Sample Type	Ultimate Breaking Load (kN)	Ultimate Breaking Load (Kg)	Remarks
1	MS Scaffolding Coupler (Tension)	18.70	1906	Coupler Breaks At this Load
2	MS Scaffolding Coupler (Tension)	16.20	1650	Bolt Comes Out From Coupler Assembly

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

