

Innovative Construction Company. Lahore (Construction "Bilal Poultry" Arifwala)

Test Performed By: Dr. /Engr. Nauman Khurram

Client Reference: Nil

SOM Lab Ref: 4658 (Page-1/1)

Dated: 21-08-2024

Dated: 21-08-2024

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	1.481	6	0.744	0.44	0.435	16.06	20.05	80480	81400	100500	101660	1.10	8.0	13.8	
2	1.495	6	0.748	0.44	0.439	16.53	20.46	82880	83070	102550	102780	1.10	8.0	13.8	
3	0.675	4	0.502	0.20	0.198	7.08	8.53	78130	78920	94090	95040	1.00	8.0	12.5	
4	0.654	4	0.494	0.20	0.192	6.65	8.07	73290	76350	89030	92740	1.10	8.0	13.8	
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BEND TEST:

# 6	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Six 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,

Test Performed By: Dr. /Engr. Nauman Khurram

BSD A.P. Sial (Const Of 1-No, Class Room at GPS Jhoke Dargahi Shah Tehsil Ahmad Pur Sial)

Client Reference: 449

SOM Lab Ref: 4659 (Page-1/1)

Dated: 07-08-2024

Dated: 21-08-2024

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	1.513	6	0.753	0.44	0.445	14.42	19.01	72300	71490	95290	94220	1.20	8.0	15.0	
2	0.670	4	0.501	0.20	0.197	6.01	8.31	66320	67330	91610	93010	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: DTLC/Test/AI/114

SOM Lab Ref: 4660 (Page-1/3)

Dated: 20-08-2024

Dated: 21-08-2024

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	2.665	8	0.998	0.79	0.783	22.68	37.87	63320	63890	105720	106670	1.50	8.0	18.8	HS
2	2.673	8	1.000	0.79	0.786	22.88	37.92	63890	64220	105860	106400	1.40	8.0	17.5	HS
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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

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

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

Client Reference: DTLC/Test/AI/113

SOM Lab Ref: 4660 (Page-2/3)

Dated: 20-08-2024

Dated: 21-08-2024

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	1.462	6	0.740	0.44	0.430	13.61	21.53	68210	69800	107910	110420	1.20	8.0	15.0	HS
2	1.484	6	0.745	0.44	0.436	13.00	20.56	65150	65750	103060	104000	1.20	8.0	15.0	HS
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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

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

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

Client Reference: DTLC/Test/AI/112

SOM Lab Ref: 4660 (Page-3/3)

Dated: 20-08-2024

Dated: 21-08-2024

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	0.653	4	0.494	0.20	0.192	5.45	8.31	60140	62650	91610	95430	1.10	8.0	13.8	HS
2	0.661	4	0.497	0.20	0.194	5.46	8.34	60250	62120	91950	94800	1.20	8.0	15.0	HS
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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

Engineer Muhammad Irfan
 Dy Dir Infra. DHA Gujranwala.(Main Boulevard Extension)

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

Client Reference: 111/DD/Lab/MBE/654

SOM Lab Ref: 4661 (Page-1/1)

Dated: 20-08-2024

Dated: 21-08-2024

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	1.471	6	0.742	0.44	0.432	12.30	19.67	61670	62820	98610	100440	1.50	8.0	18.8	
2	1.466	6	0.741	0.44	0.431	12.18	19.62	61060	62340	98360	100410	1.50	8.0	18.8	
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Witnessed By: Farooq E Azam (LT,DHAG)

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

Resident Engineer
M. Hammad Ahmad

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

Client Reference: Nil

SOM Lab 4662 (Page-1/1)
Ref: 1/1)

Dated: 20-08-2024

Dated: 21-08-2024

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	2.579	8	0.982	0.79	0.758	24.97	33.86	69720	72670	94540	98530	1.60	8.0	20.0	
2	2.624	8	0.991	0.79	0.771	22.96	32.36	64090	65670	90360	92580	1.50	8.0	18.8	
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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

Engineer Muhammad Irfan
Dy Dir Infra. DHA Gujranwala.(Sector D)

Test Performed By: Dr. /Engr. Nauman Khurram

Client Reference: 111/DD/RS/Lab/Sec-D/126

SOM Lab 4663 (Page-1/1)
Ref:

Dated: 19-08-2024

Dated: 21-08-2024

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	2.720	8	1.009	0.79	0.799	26.96	34.76	75270	74430	97040	95950	1.10	8.0	13.8	
2	2.701	8	1.005	0.79	0.794	27.01	34.88	75420	75040	97380	96890	1.20	8.0	15.0	
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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

Engr.M.Imran, RE

Test Performed By:

Dr. /Engr. Asad Ali Gillani

Master Consulting Engineers.(7-Storey Residential Block Having Min 100 Rooms Facilities at NNS)

Client Reference: NKB/RE/MCE/STEEL/10

SOM Lab Ref: 4664 (Page-1/1)

Dated: 21-08-2024

Dated: 21-08-2024

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	1.043	5	0.625	0.31	0.307	10.32	14.09	73390	74110	100230	101210	1.20	8.0	15.0	
2	1.043	5	0.625	0.31	0.307	10.30	13.91	73250	73960	98990	99960	1.20	8.0	15.0	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
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BEND TEST:

# 5	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

Naseer Ahmad

Test Performed By:

Dr. /Engr.

Nauman Khurram

Director Reliance Engineering & Const. Services.(Remolding Police Welfare Retail Outlet PSO Guj)

Client Reference: RECS/UET/REBAR-2024/001

SOM Lab

4665 (Page-

Ref:

1/1)

Dated: 21-08-2024

Dated:

21-08-2024

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (Moiz 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	1.520	6	0.754	0.44	0.447	13.51	19.42	67700	66640	97340	95810	1.50	8.0	18.8	
2	1.515	6	0.753	0.44	0.445	13.43	19.37	67290	66540	97080	95990	1.50	8.0	18.8	
3	1.057	5	0.629	0.31	0.311	10.14	13.66	72160	71930	97180	96870	1.10	8.0	13.8	
4	1.058	5	0.629	0.31	0.311	10.19	13.61	72520	72290	96820	96510	1.20	8.0	15.0	
5	0.665	4	0.498	0.20	0.195	5.98	8.51	65990	67680	93860	96270	1.20	8.0	15.0	
6	0.668	4	0.500	0.20	0.196	6.09	8.53	67110	68480	94090	96010	1.10	8.0	13.8	
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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 Azmat, RE

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

NESPAK-Turkpak JV Lhr.(Reconstruction of Lady Willingdon Hospital,Lahore)

Client Reference: 4729/13/MA/04/85

SOM Lab

4666 (Page-

Ref:

1/1)

Dated: 12-08-2024

Dated:

21-08-2024

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (AF 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	2.637	8	0.993	0.79	0.775	21.67	32.27	60500	61680	90100	91840	1.20	8.0	15.0	
2	2.604	8	0.987	0.79	0.765	22.29	32.29	62240	64270	90160	93100	1.30	8.0	16.3	
3	0.664	4	0.498	0.20	0.195	6.29	8.23	69360	71140	90720	93040	1.00	8.0	12.5	
4	0.671	4	0.501	0.20	0.197	6.37	8.63	70260	71330	95210	96660	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
# 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

Assistant Resident Engineer

Test Performed By: Dr. /Engr. Nauman Khurram

JERS Consultancy (Pvt) Ltd.(Improvement & Rehabilitation Of P-2 Canal Road In MC Muridke)

Client Reference: 488-JO1-ARE/MDK/

SOM Lab 4667 (Page-1/1)
Ref:

Dated: 18-07-2024

Dated: 21-08-2024

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	2.772	8	1.019	0.79	0.815	23.62	37.23	65940	63920	103930	100740	1.20	8.0	15.0	
2	2.675	8	1.000	0.79	0.786	28.03	35.73	78260	78660	99750	100250	1.30	8.0	16.3	
3	1.513	6	0.753	0.44	0.445	12.33	19.67	61830	61130	98610	97510	1.10	8.0	13.8	
4	1.505	6	0.750	0.44	0.442	17.76	21.41	89010	88610	107300	106810	1.00	8.0	12.5	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

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

