

Ehsan-Ullah-Saad

Test Performed By:

Dr. /Engr.

Wasim Abbas

PM Zaheer Associate.(Project Of Mosque In B-Block Of Al-Rehman Garden Ph-7 Lahore)

Client Reference: Z.A/A.R/30-22

SOM Lab 445 (Page-

Ref: 1/1)

Dated: 06-06-2022

Dated: 07-06-2022

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (Moez 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	1.544	6	0.760	0.44	0.454	13.56	19.93	67960	65860	99890	96810	1.40	8.0	17.5	
2	1.536	6	0.758	0.44	0.451	13.05	19.16	65400	63810	96060	93720	1.40	8.0	17.5	
3	0.599	4	0.473	0.20	0.176	5.47	8.12	60370	68600	89590	101810	1.30	8.0	16.3	
4	0.604	4	0.476	0.20	0.178	5.68	8.36	62610	70350	92180	103570	1.40	8.0	17.5	
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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

Nasir Mahmood

Test Performed By:

Dr. /Engr.

Wasim Abbas

RE ESAC Sector K DHA Multan.(Sec K DHA Main Office & Gate House Building)

Client Reference: RE/ESAC/SECTOR K/163

SOM Lab

446 (Page-

Ref:

1/1)

Dated: 02-06-2022

Dated:

07-06-2022

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (SJ 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	0.654	4	0.494	0.20	0.192	6.73	8.99	74190	77280	99150	103280	1.10	8.0	13.8	
2	0.660	4	0.497	0.20	0.194	6.93	9.58	76440	78800	105670	108930	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

Wajid Mehmood

Test Performed By:

Dr. /Engr. Wasim Abbas

RE NESPAK Lhr.(Const Of LDA City Naya Pakistan Apartment Lahore)

Client Reference: 4047/13/WM/09-III/194

SOM Lab 448 (Page-

Ref: 1/1)

Dated: 06-06-2022

Dated: 07-06-2022

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	1.508	6	0.751	0.44	0.443	13.17	20.00	66020	65570	100250	99570	1.50	8.0	18.8	
2	1.501	6	0.749	0.44	0.441	13.00	19.88	65150	65000	99640	99410	1.40	8.0	17.5	
3	1.036	5	0.622	0.31	0.304	9.30	13.43	66140	67450	95510	97400	1.40	8.0	17.5	
4	1.041	5	0.624	0.31	0.306	9.33	13.83	66360	67230	98410	99700	1.30	8.0	16.3	
5	0.594	4	0.472	0.20	0.175	6.09	7.95	67110	76700	87680	100210	1.20	8.0	15.0	
6	0.593	4	0.471	0.20	0.174	5.91	7.75	65200	74940	85430	98200	1.30	8.0	16.3	
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BEND TEST:

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:-Only Nine Samples
Received and TestedNote: Please always confirm the results of above report on web www.uet-civil.edu.pk

Ajmal Kaleem Ullah

Test Performed By:

Dr. /Engr.

Nauman Khurram

RE AZEA Sialkot Residency.(Dualization Of Sialkot-Pasrur Rd L 27.35Km In Distt Sialkot)

Client Reference: AZEA/SLK/ADP/22/18

SOM Lab 449 (Page-

Ref: 1/1)

Dated: 31-05-2022

Dated: 31-05-2022

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed/Plain 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	2.700	8	1.005	0.79	0.793	16.99	25.74	47440	47260	71860	71590	2.20	8.0	27.5	Plain
2	2.697	8	1.005	0.79	0.793	16.92	25.61	47240	47060	71490	71220	2.30	8.0	28.8	Plain
3	1.500	6	0.749	0.44	0.441	8.82	12.59	44200	44100	63100	62960	2.20	8.0	27.5	Plain
4	1.507	6	0.751	0.44	0.443	8.58	12.49	43030	42730	62590	62170	2.30	8.0	28.8	Plain
5	0.593	4	0.471	0.20	0.174	4.10	5.78	45190	51940	63740	73260	1.40	8.0	17.5	Deform
6	0.588	4	0.469	0.20	0.173	4.20	5.81	46320	53540	64080	74080	2.00	8.0	25.0	Deform
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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

Engr.Zahid Nisar Hashmi

Test Performed By:

Dr. /Engr. Asad Ali Gillani

Head MP.Shaukat Khanum Memorial Trust.(Const.Of Multi-Storied Parking Garage SKMCH&RC,Lhr)

Client Reference: SKM/PG/UET/06/09

SOM Lab 450 (Page-

Ref: 1/1)

Dated: 07-06-2022

Dated: 07-06-2022

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	2.664	8	0.998	0.79	0.783	25.66	34.40	71630	72270	96050	96910	1.00	8.0	12.5	
2	2.639	8	0.994	0.79	0.776	23.77	33.74	66370	67560	94200	95900	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	
# 4	Sample bend through 180 degrees Satisfactorily without any crack	
# 3	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

Engr. M Abbas

Test Performed By:

Dr. /Engr.

Wasim Abbas

RE City Survey & Engg Consultants.(Green View Executive Apartments Phase-V)

Client Reference: GVA/RE/07/22

SOM Lab

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Ref:

1/1)

Dated: 07-06-2022

Dated:

07-06-2022

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	2.608	8	0.988	0.79	0.766	27.62	33.94	77120	79540	94770	97740	1.30	8.0	16.3	
2	2.604	8	0.987	0.79	0.765	26.86	33.30	74990	77440	92970	96010	1.20	8.0	15.0	
3	1.495	6	0.748	0.44	0.439	15.41	19.54	77260	77430	97950	98170	1.00	8.0	12.5	
4	1.515	6	0.753	0.44	0.445	15.80	20.25	79200	78310	101530	100390	1.10	8.0	13.8	
5	0.726	4	0.521	0.20	0.213	6.37	7.80	70260	65970	85990	80750	1.00	8.0	12.5	
6	0.790	4	0.543	0.20	0.232	7.54	9.17	83180	71710	101170	87220	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

Engr. Arslan Azeem

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

Zikria Construction Company.(Const Of Beaconhouse Multan Early Ears Class Rooms)

Client Reference: Nil

SOM Lab

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Ref:

1/3)

Dated: 07-06-2022

Dated:

07-06-2022

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	1.464	6	0.740	0.44	0.430	12.97	17.09	65000	66510	85690	87680	1.30	8.0	16.3	
2	1.454	6	0.737	0.44	0.427	13.05	17.30	65400	67400	86710	89350	1.30	8.0	16.3	
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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

Engr. Arslan Azeem

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

Zikria Construction Company.(Const Of Beaconhouse Multan Early Ears Class Rooms)

Client Reference: Nil

SOM Lab

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Ref:

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Dated: 07-06-2022

Dated:

07-06-2022

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	2.630	8	0.992	0.79	0.773	27.39	35.49	76470	78150	99090	101270	1.00	8.0	12.5	
2	2.633	8	0.993	0.79	0.774	27.47	35.42	76700	78280	98890	100940	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. Arslan Azeem

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

Zikria Construction Company.(Const Of Beaconhouse Multan Early Ears Class Rooms)

Client Reference: Nil

SOM Lab

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Ref:

3/3)

Dated: 07-06-2022

Dated:

07-06-2022

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	0.693	4	0.510	0.20	0.204	6.12	8.66	67450	66130	95550	93680	1.20	8.0	15.0	
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BEND TEST:

# 4	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

Mascon Associates Pvt.Ltd
 RE (Civil) Jv HA Consulting .(Estb Od Model Bazaar Head Office Building)

Test Performed By: Dr. /Engr. Rashid Hameed

Client Reference: MAC-HAC/22/PMBMC/LT/003

SOM Lab Ref: 453 (Page-1/1)

Dated: 06-06-2022

Dated: 07-06-2022

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	1.503	6	0.750	0.44	0.442	13.25	18.14	66430	66130	90950	90540	1.40	8.0	17.5	
2	0.669	4	0.501	0.20	0.197	6.07	8.12	66890	67900	89590	90960	1.30	8.0	16.3	
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Witnessed By: M. Mustafa Farooqi.(RE, HAC)

BEND TEST:

# 6	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