

M Abu Bakar
Lahore.

Test Performed By: Dr. /Engr. Nauman Khurram

Client Reference: Nil

SOM Lab

Ref: 6025 (Page-1/1)

Dated: 09-03-2022

Dated: 09-03-2022

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	0.648	4	0.492	0.20	0.190	6.39	8.05	70480	74190	88800	93480	1.10	8.0	13.8	
2	0.644	4	0.491	0.20	0.189	7.82	9.38	86220	91240	103420	109440	1.00	8.0	12.5	
3	0.654	4	0.494	0.20	0.192	6.27	7.90	69130	72010	87120	90750	1.00	8.0	12.5	
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BEND TEST:

--	No Bend test performed	Note:- Only Three Samples Received and Tested

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

Sohaib Ashraf

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

PM United LifeStyle Pvt. Ltd.(Constructing a High rise Building" Skyscraper By United" Lahore)

Client Reference: ULS/2021-22/007

SOM Lab

Ref: 6026 (Page-1/1)

Dated: 07-03-2022

Dated: 09-03-2022

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	24.03	33.25	67080	67680	92830	93660	1.40	8.0	17.5	
2	2.670	8	1.000	0.79	0.785	24.23	33.20	67650	68080	92690	93280	1.50	8.0	18.8	
3	1.496	6	0.748	0.44	0.440	14.60	19.06	73170	73170	95550	95550	1.50	8.0	18.8	
4	1.489	6	0.747	0.44	0.438	14.98	21.41	75110	75450	107300	107790	1.30	8.0	16.3	
5	0.663	4	0.498	0.20	0.195	6.49	9.03	71610	73440	99600	102150	1.30	8.0	16.3	
6	0.690	4	0.508	0.20	0.203	6.29	8.97	69360	68330	98920	97460	1.40	8.0	17.5	
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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

Engr Uzair Siddique

Test Performed By:

Dr. /Engr.

S. Asad Ali
Gillani

Atiq Associates.(Lahore American School,Upper Mall Road,Lahore)

Client Reference: Nil

SOM Lab

Ref: 6027 (Page-1/1)

Dated: 09-03-2022

Dated: 09-03-2022

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	2.652	8	0.996	0.79	0.779	24.54	34.51	68500	69470	96330	97690	1.50	8.0	18.8	
2	2.646	8	0.995	0.79	0.778	24.84	34.81	69350	70420	97190	98680	1.60	8.0	20.0	
3	1.479	6	0.744	0.44	0.435	14.98	20.05	75110	75970	100500	101660	1.20	8.0	15.0	
4	1.474	6	0.743	0.44	0.433	14.80	19.95	74190	75390	99990	101610	1.20	8.0	15.0	
5	0.667	4	0.500	0.20	0.196	7.49	9.73	82620	84310	107350	109540	1.00	8.0	12.5	
6	0.664	4	0.498	0.20	0.195	7.54	9.81	83180	85320	108140	110910	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

Tahir Mehmood

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

Chief Engr. Zaitoon, New Lahore City. (Const Of Houses At Zaitoon City By SWN Const. Company)

Client Reference: NLC/CE/Const/34

SOM Lab

Ref: 6028 (Page-1/1)

Dated: 08-03-2022

Dated: 09-03-2022

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type: Deformed Bar (FF 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	1.653	6	0.787	0.44	0.486	16.28	21.27	81600	73880	106640	96540	1.20	8.0	15.0	
2	1.648	6	0.785	0.44	0.484	16.43	22.02	82370	74880	110370	100330	1.10	8.0	13.8	
3	0.659	4	0.497	0.20	0.194	5.88	8.10	64860	66870	89370	92130	1.40	8.0	17.5	
4	0.657	4	0.496	0.20	0.193	5.81	7.95	64080	66400	87680	90860	1.30	8.0	16.3	
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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

Bridgeway Developers

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

Gulberg,Lahore.(Piling At Pearl One Residencies By Bridgeway Dev 26 Block-C Gulberg III Lhr)

Client Reference: Nil

SOM Lab

Ref: 6029 (Page-1/1)

Dated: 09-03-2022

Dated: 09-03-2022

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type: Deformed Bar (Batala Premium)

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	2.702	8	1.005	0.79	0.794	24.54	35.22	68500	68160	98320	97830	1.30	8.0	16.3	
2	1.030	5	0.621	0.31	0.303	10.19	13.71	72520	74200	97540	99800	1.20	8.0	15.0	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
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BEND TEST:

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

Asif Pervaiz Butt
 RE AYQ Developers Pvt. Ltd.(Union Copmlex)

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

Client Reference: Nil

SOM Lab

Ref: 6030 (Page-1/1)

Dated: 09-03-2022

Dated: 09-03-2022

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	1.498	6	0.748	0.44	0.440	11.57	17.09	58000	58000	85690	85690	1.50	8.0	18.8	
2	1.501	6	0.749	0.44	0.441	12.30	17.33	61670	61530	86860	86670	1.60	8.0	20.0	
3	1.491	6	0.747	0.44	0.438	11.79	16.89	59120	59390	84670	85050	1.60	8.0	20.0	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
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BEND TEST:

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

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

AZ Engineering Associates.

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

RE Gujrat Residency.(Dualization Of Rd From GT Rd To Gujrat Dinga Rd I/C Gujrat Glyover L31KMS)

Client Reference: RE AZEA/GT-334

SOM Lab

Ref: 6031 (Page-1/1)

Dated: 08-03-2022

Dated: 09-03-2022

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	2.713	8	1.007	0.79	0.797	25.25	33.84	70490	69870	94480	93650	1.40	8.0	17.5	
2	2.724	8	1.010	0.79	0.801	24.46	33.94	68300	67360	94770	93460	1.50	8.0	18.8	
3	1.516	6	0.754	0.44	0.446	13.46	20.10	67450	66540	100760	99400	1.50	8.0	18.8	
4	1.522	6	0.754	0.44	0.447	13.37	20.08	67040	65990	100660	99080	1.70	8.0	21.3	
5	0.998	5	0.611	0.31	0.293	10.01	13.12	71220	75350	93340	98750	1.10	8.0	13.8	
6	0.992	5	0.610	0.31	0.292	9.81	12.97	69770	74070	92250	97940	1.20	8.0	15.0	
7	0.665	4	0.498	0.20	0.195	6.07	8.77	66890	68600	96670	99150	1.40	8.0	17.5	
8	0.664	4	0.498	0.20	0.195	6.09	8.82	67110	68830	97230	99730	1.40	8.0	17.5	
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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

Engr. Javed Asad

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

CRE JIP Consultants.(Const.of Jalapur Irrigation Canal and Its System)(No.JIP/WkS/ICB/P3)

Client Reference: JIPIC/TECH/P-3/CRE/66

SOM Lab

Ref: 6032 (Page-1/1)

Dated: 08-03-2022

Dated: 09-03-2022

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type: Deformed Bar (Mughal 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	0.675	4	0.502	0.20	0.198	7.21	9.38	79470	80280	103420	104460	1.10	8.0	13.8	
2	0.673	4	0.502	0.20	0.198	6.95	9.09	76660	77440	100270	101280	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

Engr. M Abbas

Test Performed By:

Dr. /Engr.

S Asad Ali Gillani

RE City Survey & Engg. Consultants,Lahore.(Green View Executive Apartments Ph-V)

Client Reference: GVA/RE/04/22

SOM Lab

Ref:

6033 (Page-1/1)

Dated: 09-03-2022

Dated:

09-03-2022

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	2.618	8	0.990	0.79	0.769	16.46	27.44	45960	47220	76610	78700	1.60	8.0	20.0	
2	2.597	8	0.986	0.79	0.763	16.00	37.10	44680	46260	103590	107250	1.60	8.0	20.0	
3	1.500	6	0.749	0.44	0.441	10.27	14.80	51460	51340	74190	74020	1.00	8.0	12.5	
4	1.478	6	0.743	0.44	0.434	9.68	14.88	48540	49210	74600	75630	1.30	8.0	16.3	
5	0.676	4	0.503	0.20	0.199	5.22	8.05	57560	57850	88800	89250	1.50	8.0	18.8	
6	0.676	4	0.503	0.20	0.199	5.27	8.07	58120	58410	89030	89480	1.40	8.0	17.5	
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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

M.Imtiaz

Test Performed By:

Dr. /Engr.

S Asad Ali Gillani

Ittefaq Building Solution.(Project: New Apparel Facility,Ferozwattwan)

Client Reference: IBS/SD/ST-45

SOM Lab

Ref:

6034 (Page-1/1)

Dated: 09-03-2022

Dated:

09-03-2022

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (AFCO)

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	2.588	8	0.984	0.79	0.761	23.60	31.70	65880	68390	88510	91880	1.40	8.0	17.5	
2	2.587	8	0.984	0.79	0.760	23.60	31.80	65880	68480	88790	92300	1.40	8.0	17.5	
3	0.665	4	0.498	0.20	0.195	7.61	9.25	83970	86120	101960	104570	1.00	8.0	12.5	
4	0.663	4	0.498	0.20	0.195	7.36	9.07	81160	83240	100050	102610	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
# 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

IRTIQA DESIGNS
DHA Lahore.

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

Client Reference: Nil

SOM Lab

Ref: 6035 (Page-1/1)

Dated: 09-03-2022

Dated: 09-03-2022

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	2.674	8	1.000	0.79	0.786	26.40	34.73	73710	74080	96960	97450	1.30	8.0	16.3	
2	2.664	8	0.998	0.79	0.783	29.05	36.82	81110	81830	102790	103710	1.40	8.0	17.5	
3	0.663	4	0.498	0.20	0.195	7.19	8.72	79250	81280	96110	98580	1.20	8.0	15.0	
4	0.660	4	0.497	0.20	0.194	7.39	8.84	81500	84020	97460	100470	1.40	8.0	17.5	
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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