

Abdul Ghafar
Project Manager Liberty Builders, Lahore

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

Client Reference: ST/UET/ 2021013

SOM Lab
Ref: 3635(Page-1/1)

Dated: 13-01-2021

Dated: 13-01-2021

Test: Tension 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	0.654	4	0.494	0.20	0.192	7.95	10.11	87680	91330	111510	116160	1.00	8.0	12.5	
2	0.660	4	0.497	0.20	0.194	8.07	10.32	89030	91780	113760	117280	0.70	8.0	8.8	
3	0.663	4	0.498	0.20	0.195	8.07	10.37	89030	91310	114320	117250	1.10	8.0	13.8	
4	0.666	4	0.500	0.20	0.196	7.97	10.37	87910	89700	114320	116650	1.00	8.0	12.5	
5	0.670	4	0.501	0.20	0.197	7.97	10.06	87910	89240	110950	112640	1.10	8.0	13.8	
6	0.655	4	0.494	0.20	0.192	7.72	10.45	85100	88640	115220	120020	1.10	8.0	13.8	
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Witnessed By: Nadeem Sohaib, Q.C. Batala Steel

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

Z. H. Kazmi
Principal Architect, Z. H. Kazmi & Associates, Lahore

Test Performed By: Dr. /Engr.

S Asad Ali
Gillani

Client Reference: nil

SOM Lab

Ref: 3636(Page-1/1)

Dated: 13-01-2021

Dated: 13-01-2021

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Deformed

Gauge Length: 8 inch

Sample Type:

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	1.498	6	0.748	0.44	0.440	15.90	20.18	79710	79710	101170	101170	1.20	8.0	15.0	
2	1.532	6	0.757	0.44	0.450	16.31	21.10	81750	79940	105770	103420	1.10	8.0	13.8	
3	0.685	4	0.506	0.20	0.201	6.27	9.53	69130	68790	105100	104580	1.20	8.0	15.0	
4	0.681	4	0.505	0.20	0.200	6.17	9.53	68010	68010	105100	105100	1.20	8.0	15.0	
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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

Muhammad Umar Farooq

Test Performed By: Dr. /Engr.

Nauman Khurram

Civil Supervisor, Ambition Apparel 20 km Ferozepur Road Lahore (Project : ETP Plant)

Client Reference: AA-ETP-ST001

SOM Lab

Ref: 3638(Page-1/1)

Dated: 07-01-2021

Dated: 13-01-2021

Test: Tension Test

Test Specification: ASTM-A-615

Deformed

Gauge Length: 8 inch

Sample Type:

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	2.644	8	0.995	0.79	0.777	31.91	36.72	89070	90570	102510	104220	1.40	8.0	17.5	
2	0.649	4	0.493	0.20	0.191	6.34	8.05	69920	73220	88800	92990	1.00	8.0	12.5	
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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

Wasif Manzoor

Test Performed By:

Dr. /Engr.

S. Asad Ali
Gillani

Salman Developers, 8-E/III Gulberge-III, Lahore (Project: Grand Square Mall)

Client Reference: nil

SOM Lab

3639(Page-

Ref:

1/1)

Dated: 12-01-2021

Dated:

13-01-2021

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Guage Length: 8 inch

Sample Type:

Deformed Bar(AFCO 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	2.607	8	0.988	0.79	0.766	22.22	30.96	62040	63980	86430	89140	1.40	8.0	17.5	
2	2.604	8	0.987	0.79	0.765	22.96	31.65	64090	66180	88360	91250	1.30	8.0	16.3	
3	1.467	6	0.741	0.44	0.431	12.71	20.39	63720	65050	102190	104320	1.20	8.0	15.0	
4	1.465	6	0.741	0.44	0.431	12.64	20.29	63360	64680	101680	103800	1.40	8.0	17.5	
5	0.667	4	0.500	0.20	0.196	5.68	8.97	62610	63890	98920	100940	1.30	8.0	16.3	
6	0.662	4	0.498	0.20	0.195	5.66	8.92	62390	63990	98360	100880	1.20	8.0	15.0	
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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

Executive Engineer (B & W)
UVAS, Lahore

Test Performed By: Dr. /Engr.

S. Asad Ali
Gillani

Client Reference: E.E/615

SOM Lab

Ref: 3640 (Page-1/1)

Dated: 04-01-2021

Dated: 13-01-2021

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Deformed

Gauge Length: 8 inch

Sample Type:

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	2.625	8	0.991	0.79	0.771	25.54	34.15	71290	73050	95340	97680	1.60	8.0	20.0	
2	1.400	6	0.723	0.44	0.411	13.71	20.15	68730	73570	101020	108140	1.10	8.0	13.8	
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BEND TEST:

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

Safdar Hussain
Resident Engineer, ACE, Danish School Mankera Residency

Test Performed By: Dr. /Engr.

S. Asad Ali
Gillani

Client Reference: ACE/RE-PDS/MNK/BHK/20/365

SOM Lab

Ref: 3641(Page-1/1)

Dated: 22-12-2020

Dated: 13-01-2021

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Deformed

Gauge Length: 8 inch

Sample Type:

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	1.460	6	0.739	0.44	0.429	14.98	20.23	75110	77040	101420	104030	1.30	8.0	16.3	
2	1.549	6	0.761	0.44	0.455	16.89	22.29	84670	81880	111750	108060	1.20	8.0	15.0	
3	0.675	4	0.502	0.20	0.198	6.32	8.43	69700	70400	92960	93900	1.30	8.0	16.3	
4	0.677	4	0.503	0.20	0.199	6.32	8.43	69700	70050	92960	93430	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

Safdar Hussain
Resident Engineer, ACE, Danish School Mankera Residency

Test Performed By: Dr. /Engr.

S. Asad Ali
Gillani

Client Reference: ACE/RE-PDS/MNK/BHK/20/362

Dated: 16-12-2020

Test: Tension Test & Bend Test

Test Specification:

SOM Lab

Ref: 3641(Page-2/2)

Dated: 13-01-2021

ASTM-A-615

Deformed

Bar

Gauge Length: 8 inch

Sample Type:

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	1.027	5	0.620	0.31	0.302	9.07	13.15	64550	66260	93550	96030	1.20	8.0	15.0	
2	1.028	5	0.620	0.31	0.302	9.09	13.17	64690	66410	93700	96180	1.30	8.0	16.3	
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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

Tahir Masood
Asst. Manager (Admin P & C), Din Properties (Pvt) Ltd. Lahore

Test Performed By: Dr. /Engr.

S. Asad Ali
Gillani

Client Reference: nil

Dated: 13-01-2021

Test: Tension Test

Gauge Length: 8 inch

Test Specification:

Sample Type:

SOM Lab

Ref: 3642(Page-1/1)

Dated: 13-01-2021

ASTM-A-615

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	0.656	4	0.496	0.20	0.193	6.24	8.61	68800	71290	94990	98430	1.20	8.0	15.0	
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BEND TEST:

--	No Bend test performed	Note:- Only One Sample Received and Tested

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

Mirza M. Arshad Baig
Resident Engineer, Meinhardt (Pvt) Ltd. PEC Building Project - Lahore

Test Performed By: Dr. /Engr.

S. Asad Ali
Gillani

Client Reference: MPPL/Proj PEC/LHR/RE/80

SOM Lab

Ref: 3643(Page-1/1)

Dated: 12-01-2021

Dated: 13-01-2021

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Deformed

Gauge Length: 8 inch

Sample Type:

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	2.603	8	0.987	0.79	0.765	29.33	35.93	81880	84550	100320	103590	1.40	8.0	17.5	
2	2.587	8	0.984	0.79	0.760	30.17	36.29	84240	87560	101310	105310	1.40	8.0	17.5	
3	0.692	4	0.508	0.20	0.203	8.00	9.68	88240	86940	106790	105210	1.00	8.0	12.5	
4	0.660	4	0.497	0.20	0.194	7.39	8.94	81500	84020	98580	101630	1.00	8.0	12.5	
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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

Ajmal Kaleem Ullah
Resident Engineer AZEA, Kamoki Residency

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

Client Reference: AZEA/REKMK/1073

SOM Lab
Ref: 3644 (Page-1/1)

Dated: 25-09-2020

Dated: 13-01-2021

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Depormed
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	0.592	4	0.471	0.20	0.174	6.32	7.61	69700	80110	83970	96520	1.10	8.0	13.8	
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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

Genral Manager
PECHS IZMIR, Ltd. Lahore

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

Client Reference: PRCHS/IZMIR

SOM Lab

Ref: 3645(Page-1/1)

Dated: 13-01-2021

Dated: 13-01-2021

Test: Tension 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	1.517	6	0.754	0.44	0.446	19.03	22.07	95400	94110	110620	109130	1.20	8.0	15.0	
2	0.666	4	0.500	0.20	0.196	6.60	9.12	72730	74210	100610	102660	1.30	8.0	16.3	
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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