

Muhammad Ahsan

Test Performed By:

Dr. /Engr.

Nauman Khurram

PM Baig Construction Co.Lahore.(Const Of Jinah Squair Mall Raiwind Rd Lahore.)

Client Reference: ST/UET/20220720

SOM Lab

Ref:

643 (Page-1/1)

Dated: 20-07-2022

Dated:

20-07-2022

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (Kamran 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	2.674	8	1.000	0.79	0.786	26.12	35.85	72910	73280	100090	100600	1.30	8.0	16.3	
2	2.670	8	1.000	0.79	0.785	25.91	35.88	72340	72800	100170	100810	1.40	8.0	17.5	
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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

Rao Farman Ali

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

Construction Co.Lahore.(Project: Aghaaz Housing Project At Piplan Dist.Mianwali)

Client Reference: Nil

SOM Lab

Ref:

644 (Page-1a/1)

Dated: 19-07-2022

Dated:

20-07-2022

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	2.698	8	1.005	0.79	0.793	24.67	38.28	68870	68610	106860	106460	1.20	8.0	15.0	
2	2.690	8	1.004	0.79	0.791	25.03	38.25	69870	69780	106780	106640	1.10	8.0	13.8	
3	1.521	6	0.754	0.44	0.447	13.25	18.65	66430	65390	93510	92040	1.40	8.0	17.5	
4	1.523	6	0.755	0.44	0.448	13.61	19.72	68210	67000	98870	97100	1.30	8.0	16.3	
5	0.674	4	0.502	0.20	0.198	7.16	9.63	78910	79710	106230	107300	1.00	8.0	12.5	
6	0.670	4	0.501	0.20	0.197	6.93	9.68	76440	77600	106790	108420	1.00	8.0	12.5	
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Witnessed By:

Abdul Sattar (Sr.Lab. Tech)

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

Rao Farman Ali

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

Construction Co.Lahore.(Project: Aghaaz Housing Project At Piplan Dist.Mianwali)

Client Reference: Nil

SOM Lab

Ref:

644 (Page-1b/1)

Dated: 19-07-2022

Dated:

20-07-2022

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Deformed Bar (S.J

Gauge Length: 8 inch

Sample Type:

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	2.654	8	0.997	0.79	0.780	27.54	35.83	76900	77880	100030	101310	1.40	8.0	17.5	
2	2.645	8	0.995	0.79	0.777	27.68	35.90	77270	78560	100230	101910	1.50	8.0	18.8	
3	1.463	6	0.740	0.44	0.430	16.13	19.11	80830	82710	95800	98030	1.50	8.0	18.8	
4	1.467	6	0.741	0.44	0.431	15.41	18.76	77260	78870	94020	95980	1.30	8.0	16.3	
5	0.660	4	0.497	0.20	0.194	7.10	9.07	78350	80770	100050	103140	1.40	8.0	17.5	
6	0.664	4	0.498	0.20	0.195	6.85	9.09	75540	77480	100270	102840	1.20	8.0	15.0	
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Witnessed By: Abdul Sattar (Sr.Lab. Tech)

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

Qasim Ali
Senior Manager Project-Civil, Volka Food International.Ltd.Multan

Test Performed By: Dr. /Engr. Nauman Khurram

Client Reference: VFI/Civil/13

SOM Lab

Ref: 645 (Page-1/1)

Dated: 05-07-2022

Dated: 20-07-2022

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	2.659	8	0.997	0.79	0.781	23.87	33.10	66650	67420	92400	93470	1.60	8.0	20.0	
2	2.654	8	0.997	0.79	0.780	24.03	34.20	67080	67940	95480	96700	1.50	8.0	18.8	
3	1.506	6	0.751	0.44	0.443	14.37	19.59	72050	71560	98210	97540	1.40	8.0	17.5	
4	1.451	6	0.736	0.44	0.426	12.90	18.47	64640	66760	92590	95630	1.40	8.0	17.5	
5	1.030	5	0.621	0.31	0.303	8.87	12.35	63100	64550	87900	89930	1.30	8.0	16.3	
6	1.033	5	0.622	0.31	0.304	9.84	13.53	69990	71370	96240	98140	1.40	8.0	17.5	
7	0.668	4	0.500	0.20	0.196	6.03	8.58	66550	67910	94650	96580	1.20	8.0	15.0	
8	0.668	4	0.500	0.20	0.196	5.96	8.61	65760	67100	94990	96930	1.10	8.0	13.8	
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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

Z.H Kazmi

Test Performed By:

Dr. /Engr.

Nauman Khurram

Z.H Kazmi & Associates,(MCB Bank Ltd.Minchanabad Branch Distt.Bahawalnagar)

Client Reference: Nil

SOM Lab

Ref:

646 (Page-1/1)

Dated: 20-07-2022

Dated:

20-07-2022

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	2.588	8	0.984	0.79	0.761	22.99	31.60	64180	66620	88220	91580	1.50	8.0	18.8	
2	1.639	6	0.783	0.44	0.482	15.41	20.13	77260	70530	100910	92120	1.10	8.0	13.8	
3	0.619	4	0.481	0.20	0.182	6.03	8.00	66550	73130	88240	96970	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
# 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

Afaq Mahmood, Site Inspector

Test Performed By:

Dr. /Engr.

Nauman Khurram

M/S New Vision Engg Consultant.(Const Of ACCN For College Of Nursing At Kharian Cantt)

Client Reference: NVEC/HO/MES/2022/111

SOM Lab

Ref:

647 (Page-1/1)

Dated: 20-07-2022

Dated:

20-07-2022

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	0.624	4	0.483	0.20	0.183	4.91	7.36	54180	59220	81160	88700	1.10	8.0	13.8	
2	0.627	4	0.484	0.20	0.184	4.94	7.29	54520	59260	80370	87360	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

Sub Divisional Officer,(Buildings)

Test Performed By: Dr. /Engr. Nauman Khurram

Sub Div Ferozewala.(Const Of Judicial Academy At Lhr Kala Shah Kaku,Lahore) Group-I

Client Reference: 1483/F

SOM Lab

Ref: 648 (Page-1/2)

Dated: 22-02-2022

Dated: 20-07-2022

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	1.466	6	0.741	0.44	0.431	13.86	18.83	69490	70940	94370	96340	1.30	8.0	16.3	
2	1.459	6	0.739	0.44	0.429	13.58	18.62	68060	69810	93350	95750	1.20	8.0	15.0	
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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

Sub Divisional Officer,(Buildings)

Test Performed By:

Dr. /Engr.

Nauman Khurram

Sub Div Ferozewala.(Const Of Judicial Academy At Lhr Kala Shah Kaku,Lahore) Group-I

Client Reference: 1486/F

SOM Lab

Ref:

648 (Page-2/2)

Dated: 23-02-2022

Dated:

20-07-2022

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	2.662	8	0.998	0.79	0.782	25.50	34.98	71200	71930	97670	98670	1.20	8.0	15.0	
2	2.636	8	0.993	0.79	0.775	25.64	35.22	71570	72960	98320	100230	1.20	8.0	15.0	
3	0.679	4	0.505	0.20	0.200	6.42	9.14	70820	70820	100830	100830	1.00	8.0	12.5	
4	0.682	4	0.505	0.20	0.200	6.17	8.84	68010	68010	97460	97460	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