

I.K Associates

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

Manager Project Lahore.(Mr. Humair Ejaz Residence F-268,Phase-6 Lahore)

Client Reference: Nil**Dated:** 17-02-2023**SOM Lab Ref:** CED/SOM/1786(Page-1/1)**Dated:** 20-02-2023**Test:** Tension Test & Bend Test**Test Specification:** ASTM-A 615**Sample Type:** Deformed Bar**Gauge Length:** 200 mm

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)				
	kg/m	mm	mm	mm ²	mm ²	kN	kN	MPa	MPa	MPa	MPa	mm	mm	%	
1	2.178	20	18.78	314	277	122.70	195.00	391	443	621	704	25.0	200	12.5	
2	0.859	12	11.80	113	109	46.50	65.00	411	426	575	595	32.5	200	16.3	
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BEND TEST:

20mm	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Four Samples Received and Tested
12mm	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

Premier Developer & Builders

Test Performed By:

Dr. /Engr. Asad Ali Gillani

Procurement Manager .(Lyalpur Galleria-II Near Four Season Colony Samundri Road,FSD)

Client Reference: LG-II/038

SOM Lab

Ref: 1781 (Page-1/1)

Dated: 16-02-2023

Dated: 20-02-2023

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	2.685	8	1.002	0.79	0.789	25.30	35.22	70630	70720	98320	98450	1.70	8.0	21.3	
2	1.527	6	0.756	0.44	0.449	12.54	18.42	62850	61590	92330	90480	1.50	8.0	18.8	
3	0.672	4	0.501	0.20	0.197	6.80	8.97	74980	76120	98920	100430	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	

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

Sheikhoo Steel

Test Performed By:

Dr. /Engr. Asad Ali Gillani

Chief Technical Officer, Sheikhoo Sugar Mills (Steel Div) Anwar Abad Kot Addu, Muzaffargarh.

Client Reference: Nil

SOM Lab

Ref: 1782 (Page-1/1)

Dated: 19-02-2023

Dated: 20-02-2023

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	2.641	8	0.994	0.79	0.776	25.91	34.20	72340	73650	95480	97200	1.50	8.0	18.8	1
2	2.641	8	0.994	0.79	0.776	25.56	34.10	71350	72630	95190	96910	1.60	8.0	20.0	2
3	2.635	8	0.993	0.79	0.774	24.99	33.79	69780	71220	94340	96290	1.50	8.0	18.8	3
4	2.641	8	0.994	0.79	0.776	25.81	34.12	72060	73360	95250	96970	1.40	8.0	17.5	4
5	2.671	8	1.000	0.79	0.785	25.28	34.53	70580	71030	96390	97000	1.30	8.0	16.3	5
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BEND TEST:

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

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

Engr. Muhammad Arslan

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

PPE GCC, Overseas Const. Co, Lahore. (Project Gulberg City Centre, Lahore)

Client Reference: OCC/Steel/33

SOM Lab

Ref:

1783 (Page-1/1)

Dated: 20-02-2023

Dated:

20-02-2023

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	2.678	8	1.001	0.79	0.787	26.22	34.17	73200	73470	95390	95760	1.30	8.0	16.3	
2	1.497	6	0.748	0.44	0.440	15.04	18.96	75370	75370	95040	95040	1.40	8.0	17.5	
3	0.664	4	0.498	0.20	0.195	5.93	9.09	65420	67100	100270	102840	1.10	8.0	13.8	
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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

M. Saleem

Test Performed By:

Dr. /Engr.

S Asad Ali Gillani

Construction Company Engrs & Contractors, Sheikhpura.(Extension Dyeing Unit)

Client Reference: Steel Test

SOM Lab

Ref:

1784 (Page-1/1)

Dated: 20-02-2023

Dated:

20-02-2023

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	2.616	8	0.990	0.79	0.769	25.99	35.12	72570	74550	98040	100720	1.50	8.0	18.8	
2	1.494	6	0.748	0.44	0.439	14.32	19.08	71790	71950	95650	95870	1.30	8.0	16.3	
3	0.672	4	0.501	0.20	0.197	6.68	9.04	73630	74750	99710	101230	1.30	8.0	16.3	
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BEND TEST:

# 8	Sample bend through 180 degrees Satisfactorily without any crack	<p>Note:-</p> <p>Only Six Samples Received and Tested</p>
# 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

Beacon Impex Pvt Ltd.
Faisalabad.(Const Of Canteen Building at Beacon Impex)

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

Client Reference: B-I/Civil/23-3
Dated: 20-02-2023
Test: Tension Test & Bend Test
Gauge Length: 8 inch

SOM Lab
Ref: 1785 (Page-1/1)
Dated: 20-02-2023
Test Specification: ASTM-A-615
Sample Type: Deformed Bar (Sheikhoo 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	2.594	8	0.985	0.79	0.762	23.80	32.72	66450	68890	91350	94710	1.40	8.0	17.5	
2	2.582	8	0.983	0.79	0.759	23.98	32.59	66940	69670	90980	94700	1.50	8.0	18.8	
3	1.492	6	0.747	0.44	0.438	15.46	20.03	77510	77870	100400	100860	1.30	8.0	16.3	
4	1.500	6	0.749	0.44	0.441	17.09	21.10	85690	85490	105770	105530	1.20	8.0	15.0	
5	0.673	4	0.502	0.20	0.198	7.00	9.04	77230	78010	99710	100710	1.20	8.0	15.0	
6	0.673	4	0.502	0.20	0.198	6.98	9.09	77000	77780	100270	101280	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

Ahsan Zubair

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

RE Nespak Lahore.(Const Of Underpass at Samanabad Morr)

SOM Lab

Ref:

1787 (Page-1/1)

Client Reference: 4403/03/AZ/Lab/Steel-28

Dated: 20-02-2023

Dated:

20-02-2023

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	2.667	8	0.999	0.79	0.784	25.13	33.59	70150	70690	93770	94490	1.40	8.0	17.5	
2	2.670	8	1.000	0.79	0.785	24.26	32.44	67730	68160	90550	91130	1.30	8.0	16.3	
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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

Ahsan Zubair

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

RE Nespak Lahore.(Const Of Underpass at Samanabad Morr)

SOM Lab

Ref:

1788 (Page-1/1)

Client Reference: 4403/03/AZ/Lab/Steel-30

Dated: 20-02-2023

Dated:

20-02-2023

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (5 Star)

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	2.653	8	0.997	0.79	0.780	24.87	32.93	69440	70330	91920	93100	1.40	8.0	17.5	
2	2.652	8	0.996	0.79	0.779	24.59	32.64	68640	69610	91120	92410	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

M.Ali Haider Ch.

Test Performed By:

Dr. /Engr. S Asad Ali Gillani

PE Prosperity Consultants Lhr.(EPC/Turkey Basis Of 132/11.5KV Gird Station # 1 DHA Gujranwala)

Client Reference: DHA GUJ/Grid/393

SOM Lab

Ref: 1789 (Page-1/1)

Dated: 24-01-2023

Dated: 20-02-2023

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	2.669	8	0.999	0.79	0.784	24.36	33.74	68020	68540	94200	94920	1.50	8.0	18.8	
2	2.664	8	0.998	0.79	0.783	24.38	33.84	68070	68680	94480	95330	1.40	8.0	17.5	
3	1.509	6	0.751	0.44	0.443	14.78	19.64	74090	73590	98460	97790	1.30	8.0	16.3	
4	1.506	6	0.751	0.44	0.443	14.34	19.88	71890	71410	99640	98960	1.30	8.0	16.3	
5	0.673	4	0.502	0.20	0.198	6.60	8.66	72730	73470	95550	96510	1.40	8.0	17.5	
6	0.673	4	0.502	0.20	0.198	6.44	8.41	71040	71760	92740	93680	1.30	8.0	16.3	
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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