

Waqas Ahmed Ghumman,PM
 High-Q Constructions Lhr.(Const Of High-Q Mall at 3-A Gulberg II Lahore)

Test Performed By: Dr. /Engr. Wasim Abbas

Client Reference: QC/HQ/CIVIL/237
SOM Lab Ref: CED/SOM/4853 (Page-1/1)
Test: Tension Test & Bend Test
Sample Type: Deformed Bar

Dated: 23-09-2024
Dated: 24-09-2024
Test Specification: ASTM-A 615
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	3.877	25	25.08	398	494	250.70	326.00	631	508	820	660	32.5	200	16.3	
2	3.826	25	24.91	398	487	241.70	313.20	608	496	788	643	30.0	200	15.0	
3	2.425	20	19.83	314	309	166.50	212.50	530	539	676	688	25.0	200	12.5	
4	2.402	20	19.74	314	306	162.70	208.50	518	532	664	682	25.0	200	12.5	
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BEND TEST:

25mm	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Six Samples Received and Tested
20mm	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

Tahawar Owais
PM DSG Energy Lahore.(Const Of Office Building at 29-M QIE,Lahore)

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

Client Reference: Nil

SOM Lab Ref: 4850 (Page-1/1)

Dated: 24-09-2024

Dated: 24-09-2024

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type: Deformed Bar (Hunza 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	25.50	35.29	71200	71750	98520	99280	1.40	8.0	17.5	
2	2.651	8	0.996	0.79	0.779	25.61	35.34	71490	72500	98660	100060	1.40	8.0	17.5	
3	1.469	6	0.742	0.44	0.432	13.30	17.99	66680	67920	90180	91850	1.50	8.0	18.8	
4	1.480	6	0.744	0.44	0.435	13.51	18.14	67700	68480	90950	92000	1.50	8.0	18.8	
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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	

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

Ijaz Ahmad, SE

Test Performed By:

Dr. /Engr. Asad Ali Gillani

Lucky Core Industries.(Const Of Veterinary Pharmaceutical Building at 30KM Lahore Sheikhpura)

Client Reference: Nil

SOM Lab Ref: 4851 (Page-1/1)

Dated: 23-09-2024

Dated: 24-09-2024

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	2.642	8	0.994	0.79	0.776	28.71	37.48	80140	81590	104640	106530	1.50	8.0	18.8	
2	2.657	8	0.997	0.79	0.781	32.93	39.37	91920	92980	109910	111170	1.40	8.0	17.5	
3	1.492	6	0.747	0.44	0.438	16.92	20.34	84820	85210	101940	102400	1.30	8.0	16.3	
4	1.487	6	0.746	0.44	0.437	15.26	19.06	76490	77020	95550	96200	1.10	8.0	13.8	
5	1.053	5	0.627	0.31	0.309	11.79	14.58	83910	84180	103710	104040	1.30	8.0	16.3	
6	1.123	5	0.648	0.31	0.330	12.51	15.16	88990	83590	107840	101310	1.30	8.0	16.3	
7	0.584	4	0.468	0.20	0.172	6.47	8.18	71380	83000	90150	104830	1.00	8.0	12.5	
8	0.584	4	0.468	0.20	0.172	6.68	7.95	73630	85620	87680	101950	1.00	8.0	12.5	
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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

Sheikhoo Steel

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

DP Sheikhoo Sugar Mills Anwar Abad Kot Addu, Muzaffargarh. (SUNCROP Pakistan Pvt.Ltd)

Client Reference: Nil

SOM Lab 4852 (Page-1/1)

Dated: 23-09-2024

Dated: 24-09-2024

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

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	1.481	6	0.744	0.44	0.435	13.83	19.37	69340	70140	97080	98200	1.50	8.0	18.8	
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BEND TEST:

# 6	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

Jamsheed Naseer Khan, DY CE

Test Performed By: Dr. /Engr. Wasim Abbas

SNGPL.(Drainage Sys with Underground W/Tank & Pump Room For Rain Water at RDO Guj)

Client Reference: CC/D.R/GWJ

SOM Lab 4854 (Page-1/1)

Dated: 24-09-2024

Dated: 24-09-2024

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	14.37	18.65	72050	73550	93510	95460	1.20	8.0	15.0	
2	1.465	6	0.741	0.44	0.431	14.34	18.62	71890	73390	93350	95300	1.50	8.0	18.8	
3	0.668	4	0.500	0.20	0.196	6.27	7.92	69130	70540	87340	89130	1.20	8.0	15.0	
4	0.670	4	0.501	0.20	0.197	6.24	7.92	68800	69840	87340	88670	1.10	8.0	13.8	
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BEND TEST:

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

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

Premier Builders

Test Performed By:

Dr. /Engr.

Wasim Abbas

Procurement Manager .(Lyallpur Galleria-3 Near Nally Wala Pull Canal Road,FSD)

Client Reference: LG-3/008

SOM Lab

4855 (Page-

Ref:

1/1)

Dated: 21-09-2024

Dated:

24-09-2024

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (Hunza 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	2.643	8	0.995	0.79	0.777	23.41	32.77	65370	66460	91490	93020	1.50	8.0	18.8	
2	1.483	6	0.745	0.44	0.436	14.12	18.83	70770	71420	94370	95240	1.20	8.0	15.0	
3	0.670	4	0.501	0.20	0.197	6.19	8.26	68230	69270	91050	92440	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
# 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

Sub Divisional officer,

Test Performed By: Dr. /Engr. Wasim Abbas

The Punjab Employees Social Security Institution Lahore.(Strengthening of Column Structure)

Client Reference: SS.DC(178)/367

SOM Lab Ref: 4856 (Page-1/1)

Dated: 19-09-2024

Dated: 24-09-2024

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	1.476	6	0.743	0.44	0.434	14.37	18.42	72050	73040	92330	93610	1.10	8.0	13.8	
2	1.477	6	0.743	0.44	0.434	14.70	18.67	73680	74700	93610	94900	1.10	8.0	13.8	
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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