

Engr. Hasan Nawaz

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

CM Zameen Quadrangle.(Const. Of Zameen Quadrangle at Plot No.49,Gulberg-V Lahore)

Client Reference: ZD/ZQ/GSW/010

SOM Lab 5630 (Page-

Ref: 1/1)

Dated: 06-01-2022

Dated: 06-01-2021

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	2.685	8	1.002	0.79	0.789	25.40	35.70	70920	71010	99660	99790	1.40	8.0	17.5	
2	2.710	8	1.007	0.79	0.796	26.45	36.41	73850	73290	101650	100890	1.20	8.0	15.0	
3	1.498	6	0.748	0.44	0.440	14.39	19.11	72150	72150	95800	95800	1.20	8.0	15.0	
4	1.517	6	0.754	0.44	0.446	15.49	19.59	77670	76620	98210	96880	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
# 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

Junaid Asghar

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

PM Architectural Heritage, Architects & Builders,Lahore

Client Reference: SLK/ST/01/1221-1

SOM Lab

5632 (Page-

Ref:

1/1)

Dated: 11-12-2021

Dated:

06-01-2021

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	0.665	4	0.498	0.20	0.195	6.95	9.07	76660	78630	100050	102610	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

T.M Enterprises
Lahore Cantt.

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

Client Reference: Nil

SOM Lab 5633 (Page-

Ref: 1/1)

Dated: 06-01-2022

Dated: 06-01-2022

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	1.477	6	0.743	0.44	0.434	13.51	21.53	67700	68640	107910	109410	1.10	8.0	13.8	
2	0.676	4	0.503	0.20	0.199	6.75	9.86	74420	74790	108700	109250	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

Tower 21

Test Performed By:

Dr. /Engr.

S. Asad Ali Gillani

Real Estate Builders And Developers DHA, Lahore.

Client Reference: Nil

SOM Lab

5634 (Page-

Ref:

1/2)

Dated: 06-01-2022

Dated:

06-01-2022

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	2.675	8	1.000	0.79	0.786	24.11	35.12	67310	67650	98040	98540	1.40	8.0	17.5	
2	2.662	8	0.998	0.79	0.782	24.82	36.34	69300	70010	101450	102490	1.30	8.0	16.3	
3	1.487	6	0.746	0.44	0.437	14.22	19.47	71280	71770	97590	98260	1.30	8.0	16.3	
4	1.451	6	0.736	0.44	0.426	14.17	19.13	71020	73360	95910	99060	1.20	8.0	15.0	
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BEND TEST:

8 Sample bend through 180 degrees Satisfactorily without any crack

6 Sample bend through 180 degrees Satisfactorily without any crack

Note:-Only Six Samples
Received and TestedNote: Please always confirm the results of above report on web www.uet-civil.edu.pk

Tower 21

Test Performed By:

Dr. /Engr.

S. Asad Ali Gillani

Real Estate Builders And Developers DHA, Lahore.

Client Reference: Nil

SOM Lab

5634 (Page-

Ref:

2/2)

Dated: 06-01-2022

Dated:

06-01-2022

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	1.527	6	0.756	0.44	0.449	15.90	21.17	79710	78110	106130	104000	1.40	8.0	17.5	
2	1.516	6	0.754	0.44	0.446	15.36	20.64	77000	75970	103470	102080	1.40	8.0	17.5	
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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

Manohar Lal

Test Performed By:

Dr. /Engr.

S Asad Ali Gillani

RE Nespak,Lahore(Dualization of Rd From Grw to M-2 Interchange at Kot Sarwar Via Hafizabad)

Client Reference: SA-466F/103/GH/ML/01

SOM Lab

5635 (Page-

Ref:

1/1)

Dated: 05-01-2022

Dated:

06-01-2022

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	2.641	8	0.994	0.79	0.776	25.24	37.43	70460	71740	104500	106380	1.40	8.0	17.5	
2	2.649	8	0.995	0.79	0.778	25.40	37.28	70920	72010	104070	105680	1.30	8.0	16.3	
3	1.479	6	0.744	0.44	0.435	12.61	18.60	63210	63930	93250	94320	1.40	8.0	17.5	
4	1.479	6	0.744	0.44	0.435	12.81	18.73	64230	64970	93860	94940	1.40	8.0	17.5	
5	0.655	4	0.494	0.20	0.192	6.32	84.10	69700	72600	927340	965980	1.00	8.0	12.5	
6	0.655	4	0.494	0.20	0.192	6.27	8.38	69130	72010	92400	96250	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

Maj Adnan Khalid (R)

Test Performed By:

Dr. /Engr.

S. Asad Ali Gillani

Dy Dir MTL DHA Lhr,(Const. Of 18 Green Apartment Complex DRGCC DHA Ph-VI (M/s Construct)

Client Reference: 408/241/32/Lab/9/161&163

SOM Lab 5636 (Page-

Ref: 1/1)

Dated: 06-01-2022

Dated: 06-01-2022

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	2.662	8	0.998	0.79	0.782	23.70	33.39	66170	66840	93230	94180	1.20	8.0	15.0	
2	2.690	8	1.004	0.79	0.791	26.39	35.89	73680	73590	100200	100070	1.20	8.0	15.0	
3	1.456	6	0.738	0.44	0.428	13.00	18.70	65150	66970	93710	96340	1.10	8.0	13.8	
4	1.470	6	0.742	0.44	0.432	12.29	17.39	61620	62760	87170	88780	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
# 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

Test Performed by: .S. Asad Ali Gillani

M/S KoldKraft Refrigeration (Pvt.)Ltd.
Kot Lakhpat,Lahore.

Client Reference No.: Nil

Dated: 03-01-2022

SOM Lab Ref: CED/SOM/5631 (Page 1/1)

Dated: 06-01-2022

Test Type: Load Test

Sample Type: Turn Buckles D-Shakle With Chain

Load Test Results

Sample No.	Sample Type	Proof Load (Ton)	Remarks
1	Turn Buckles D-Shakle With Chain	6.0	Samples Remains Satisfied at this Load (Pin Bend)
2	Turn Buckles D-Shakle With Chain	6.0	Samples Remains Satisfied at this Load (Pin Bend)

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