

Saleem Tahir
PM ICPL (OMBRé' Holding Ltd Raiwind,Lahore)

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

Client Reference: OMBRe'/STEEL/01
SOM Lab Ref: CED/SOM/5673(Page-1/1)
Test: Tension Test & Bend Test
Sample Type: M S Deformed Bar (Naveena Steel)

Dated: 17-01-2022
Dated: 17-01-2022
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	3.875	25	25.08	491	494	255.00	324.20	519	517	660	657	32.5	200	16.3	
2	3.882	25	25.09	491	495	245.20	321.20	500	496	654	650	32.5	200	16.3	
3	2.452	20	19.94	314	312	159.50	200.70	508	511	639	643	35.0	200	17.5	
4	2.472	20	20.02	314	315	158.50	200.70	505	504	639	638	32.5	200	16.3	
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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

Tariq Mehmud

Test Performed By:

Dr. /Engr.

S.Asad Ali Gillani

M/S Amanah Noor Residence Wapda Town, Lahore.

Client Reference: Nil

SOM Lab

5669 (Page-

Ref:

1/1)

Dated: 14-01-2022

Dated:

17-01-2022

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	2.656	8	0.997	0.79	0.781	24.50	36.70	68390	69170	102450	103630	1.40	8.0	17.5	
2	2.740	8	1.012	0.79	0.805	24.00	34.99	66990	65740	97700	95880	1.30	8.0	16.3	
3	1.522	6	0.754	0.44	0.447	12.79	18.99	64130	63120	95190	93700	1.20	8.0	15.0	
4	1.490	6	0.747	0.44	0.438	12.79	18.90	64130	64420	94730	95160	1.20	8.0	15.0	
5	0.667	4	0.500	0.20	0.196	6.49	9.19	71610	73070	101390	103460	1.00	8.0	12.5	
6	0.664	4	0.498	0.20	0.195	6.49	9.30	71610	73440	102520	105150	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

Zaid Bilal
Lahore

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

Client Reference: Nil

SOM Lab 5670 (Page-

Ref: 1/1)

Dated: 17-01-2022

Dated: 17-01-2022

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	1.481	6	0.744	0.44	0.435	15.44	19.62	77410	78300	98360	99490	1.30	8.0	16.3	
2	1.494	6	0.748	0.44	0.439	15.57	19.22	78020	78200	96320	96530	1.20	8.0	15.0	
3	0.678	4	0.503	0.20	0.199	7.49	9.25	82620	83040	101960	102470	0.90	8.0	11.3	
4	0.666	4	0.500	0.20	0.196	7.00	8.77	77230	78800	96670	98650	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

Naveed Ahmad
ME DHA Bahawalpur.

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

Client Reference: 110/QC/MTL

SOM Lab 5671 (Page-

Ref: 1/1)

Dated: 13-01-2022

Dated: 17-01-2022

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	1.507	6	0.751	0.44	0.443	13.32	19.39	66780	66330	97180	96530	1.40	8.0	17.5	
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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

Tower 21

Test Performed By:

Dr. /Engr.

S. Asad Ali Gillani

Real Estate Builders And Developers DHA, Lahore.

Client Reference: Nil

SOM Lab

5672 (Page-

Ref:

1/1)

Dated: 17-01-2022

Dated:

17-01-2022

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	2.696	8	1.004	0.79	0.792	25.56	35.55	71350	71170	99230	98980	1.30	8.0	16.3	
2	2.690	8	1.004	0.79	0.791	24.89	36.14	69500	69410	100880	100760	1.20	8.0	15.0	
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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

Umair Maqsood

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

Sub Divisional officer, BSD Assembly, Lahore (Reconstruction Of Pipal House A-Block, Lahore)

Client Reference: 43

SOM Lab 5674 (Page-

Ref: 1/1)

Dated: 15-01-2022

Dated: 17-01-2022

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	0.635	4	0.488	0.20	0.187	6.70	8.46	73850	78990	93300	99790	1.20	8.0	15.0	
2	0.642	4	0.491	0.20	0.189	6.54	8.53	72170	76370	94090	99560	1.10	8.0	13.8	
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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

Sajjad Ali Memon
 RE Pillar & Sons.(Rumanza Golf & Country Club,DHA Multan)

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

Client Reference: P&S/OTH/GEN/00060

SOM Lab 5675 (Page-

Ref: 1/1)

Dated: 15-01-2022

Dated: 17-01-2022

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	0.680	4	0.505	0.20	0.200	6.75	9.09	74420	74420	100270	100270	1.20	8.0	15.0	
2	0.690	4	0.508	0.20	0.203	6.83	9.23	75320	74200	101730	100230	1.10	8.0	13.8	
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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

Building Research Station

Test Performed By:

Dr. /Engr.

S.Asad Ali Gillani

Assistant Director-I,Lahore.(New Industrial Estate, Mirpur,Azad Kashmir)

Client Reference: 154-R/86

SOM Lab

5676 (Page-

Ref:

1a/1)

Dated: 17-01-2022

Dated:

17-01-2022

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	2.640	8	0.994	0.79	0.776	22.48	34.37	62750	63880	95960	97690	1.50	8.0	18.8	
2	1.481	6	0.744	0.44	0.435	13.53	20.44	67810	68580	102450	103620	1.40	8.0	17.5	
3	0.673	4	0.502	0.20	0.198	6.60	8.48	72730	73470	93530	94470	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

Building Research Station
Assistant Director-I, Lahore. (New Industrial Estate, Mirpur, Azad Kashmir)

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

Client Reference: 154-R/86

SOM Lab 5676 (Page-

Ref: 1b/1)

Dated: 17-01-2022

Dated: 17-01-2022

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	2.647	8	0.995	0.79	0.778	21.25	31.80	59340	60250	88790	90160	1.50	8.0	18.8	
2	1.515	6	0.753	0.44	0.445	10.88	16.26	54520	53910	81500	80580	1.60	8.0	20.0	
3	0.658	4	0.496	0.20	0.193	5.27	7.72	58120	60230	85100	88180	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	
# 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

Malik Esmail & Company
DHA

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

Client Reference: Nil

SOM Lab 5677 (Page-

Ref: 1/1)

Dated: 17-01-2022

Dated: 17-01-2022

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	0.625	4	0.484	0.20	0.184	5.05	7.21	55650	60480	79470	86390	1.30	8.0	16.3	
2	0.624	4	0.483	0.20	0.183	5.05	7.14	55650	60810	78690	86000	1.40	8.0	17.5	
3	0.624	4	0.483	0.20	0.183	4.89	7.14	53960	58970	78690	86000	1.40	8.0	17.5	
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BEND TEST:

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

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