

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

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

Client Reference: OMBRe'/Ittefaq/Steel/013
SOM Lab Ref: CED/SOM/1566(Page-1/1)
Test: Tension Test & Bend Test
Sample Type: M S Deformed Bar

Dated: 11-01-2023
Dated: 11-01-2023
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	1.000	12	12.72	113	127	57.20	82.50	506	451	729	650	30.0	200	15.0	
2	1.002	12	12.75	113	128	54.00	82.00	477	424	725	643	27.5	200	13.8	
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BEND TEST:

12mm	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

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/00094

SOM Lab

Ref: 1563 (Page-1/1)

Dated: 04-01-2023

Dated: 11-01-2023

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	0.670	4	0.501	0.20	0.197	6.78	9.12	74750	75890	100610	102140	1.40	8.0	17.5	
2	0.675	4	0.502	0.20	0.198	6.93	9.23	76440	77210	101730	102760	1.30	8.0	16.3	
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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

Shahzad Waheed

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

Sub Divisional officer, Aitchison College, Lahore. (Const Of Senior Staff Residence)

Client Reference: P-0070

SOM Lab

Ref:

1564(Page-1/1)

Dated: 11-01-2023

Dated:

11-01-2023

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	1.473	6	0.743	0.44	0.433	13.73	19.32	68830	69940	96830	98390	1.30	8.0	16.3	
2	0.666	4	0.500	0.20	0.196	6.42	8.72	70820	72270	96110	98070	1.10	8.0	13.8	
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BEND TEST:

# 6	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Four 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

Muhammad Adnan

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

PM ICON Valley Phase II Lahore.(Commercial Building A & F + E & C)

Client Reference: Nil

SOM Lab

Ref:

1565 (Page-1/1)

Dated: 05-12-2022

Dated:

11-01-2023

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	2.643	8	0.995	0.79	0.777	25.33	34.10	70720	71900	95190	96790	1.30	8.0	16.3	
2	2.615	8	0.989	0.79	0.768	24.97	33.84	69720	71720	94480	97190	1.20	8.0	15.0	
3	1.494	6	0.748	0.44	0.439	14.32	19.54	71790	71950	97950	98170	1.20	8.0	15.0	
4	1.498	6	0.748	0.44	0.440	14.37	19.57	72050	72050	98100	98100	1.10	8.0	13.8	
5	0.664	4	0.498	0.20	0.195	6.03	8.43	66550	68250	92960	95350	1.00	8.0	12.5	
6	0.670	4	0.501	0.20	0.197	6.12	8.46	67450	68470	93300	94720	1.10	8.0	13.8	
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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

Sub Divisional officer,
 BSD No.06,Lhr.(Const of New Office Block Of Commissioner Office Lahore)

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

Client Reference: 217/sd-6

SOM Lab

Ref: 1567 (Page-1/1)

Dated: 03-01-2023

Dated: 11-01-2023

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	2.661	8	0.998	0.79	0.782	25.08	34.25	70010	70720	95620	96600	1.50	8.0	18.8	
2	2.586	8	0.984	0.79	0.760	26.46	39.09	73880	76800	109140	113440	1.20	8.0	15.0	
3	1.489	6	0.747	0.44	0.438	13.83	18.98	69340	69650	95140	95570	1.30	8.0	16.3	
4	1.487	6	0.746	0.44	0.437	13.99	19.16	70100	70590	96060	96720	1.20	8.0	15.0	
5	0.664	4	0.498	0.20	0.195	6.83	9.14	75320	77250	100830	103420	1.10	8.0	13.8	
6	0.670	4	0.501	0.20	0.197	6.88	9.28	75880	77030	102290	103850	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