

Muhammad Shafique
 Manager Special Task, Country Developers.(PGC Okara)

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

Client Reference: CDPL/22/Okara/01

SOM Lab 503 (Page-

Ref: 1/1)

Dated: 19-05-2022

Dated: 17-06-2022

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type: Deformed Bar (Afco 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	2.616	8	0.990	0.79	0.769	25.64	33.61	71570	73530	93830	96390	1.50	8.0	18.8	
2	1.524	6	0.755	0.44	0.448	18.55	21.87	92990	91330	109600	107640	1.50	8.0	18.8	
3	0.646	4	0.492	0.20	0.190	6.88	8.77	75880	79870	96670	101760	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

Sohail Anjum

Test Performed By:

Dr. /Engr. Irfan UI Hasan

Project Manager MS Tower, G4, Lahore (Const of MS Tower At Plot 450,451 Johar Town Lahore)

Client Reference: MST/BCC/UET/2022/S-005

SOM Lab 504 (Page-

Ref: 1/1)

Dated: 17-06-2022

Dated: 17-06-2022

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	0.664	4	0.498	0.20	0.195	7.03	8.84	77560	79550	97460	99960	1.10	8.0	13.8	
2	0.670	4	0.501	0.20	0.197	7.08	8.84	78130	79320	97460	98940	1.20	8.0	15.0	
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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

Muhammad Imran Khan
ME ECSP.(Reconstruction Of Pipal House A-Block Lahore)

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

Client Reference: 343/ECSP/PH/ME/21

SOM Lab 505 (Page-

Ref: 1/1)

Dated: 13-06-2022

Dated: 17-06-2022

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	2.625	8	0.991	0.79	0.771	27.73	35.98	77410	79320	100460	102930	1.20	8.0	15.0	
2	2.636	8	0.993	0.79	0.775	28.24	36.36	78830	80360	101510	103480	1.20	8.0	15.0	
3	1.381	6	0.719	0.44	0.406	13.10	17.58	65660	71160	88140	95520	1.20	8.0	15.0	
4	1.493	6	0.748	0.44	0.439	14.85	19.16	74450	74620	96060	96280	1.20	8.0	15.0	
5	0.652	4	0.494	0.20	0.192	7.14	8.53	78690	81970	94090	98010	1.00	8.0	12.5	
6	0.674	4	0.502	0.20	0.198	7.14	8.84	78690	79480	97460	98440	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

Qaisar Zulfiqar
XEN GE(Army)-II Okara. (C/o M/S Civoool Steel Lahore)

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

Client Reference: 6000/Gen/41 E-6

SOM Lab 506 (Page-

Ref: 1/1)

Dated: 01-03-2022

Dated: 17-06-2022

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	1.463	6	0.740	0.44	0.430	15.67	19.06	78530	80360	95550	97770	1.20	8.0	15.0	
2	0.712	4	0.516	0.20	0.209	5.86	8.58	64640	61850	94650	90570	1.20	8.0	15.0	
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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