

Sub Divisional Officer
R/O Drainage Sub Division, Sheikhpura

Test Performed By: Dr. /Engr. Bilal A. Khokhar

Client Reference: 439/2-W

SOM Lab

Ref: 698 (Page-1/1)

Dated: 18-09-2019

Dated: 23-04-2019

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Deformed

Gauge Length: 8 inch

Sample Type:

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	1.558	6	0.764	0.44	0.458	13.78	17.66	69080	66370	88500	85020	1.60	8.0	20.0	
2	0.679	4	0.505	0.20	0.200	6.21	9.25	68460	68460	101960	101960	1.50	8.0	18.8	
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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

Engr. Muhammad Nayab Khalid
 Planning and Monitoring Engineer, Matrix, Management (Pvt) Ltd.

Test Performed By: Dr. /Engr.

S. Asad Ali
Gillani

Client Reference: FFL/MMPL-4/2019/01

Dated: 20-09-2019

Test: Tension Test

Gauge Length: 8 inch

Test Specification:

Sample Type:

SOM Lab

Ref: 1451(Page-1/1)

Dated: 23-09-2019

ASTM-A-615

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	2.639	8	0.994	0.79	0.776	25.89	36.26	72290	73590	101230	103050	1.10	8.0	13.8	
2	1.479	6	0.744	0.44	0.435	16.10	20.51	80680	81610	102800	103990	1.20	8.0	15.0	
3	0.666	4	0.500	0.20	0.196	5.88	7.19	64860	66190	79250	80870	1.50	8.0	18.8	
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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

Mazhar Hussain

Test Performed By: Dr. /Engr.

M. Irfan ul Hassan

Office Secretary, PCSIR, Employees Co- Operative Housing Society, Ltd. Lahore

Client Reference: PECHS/1/OHWT

SOM Lab

Ref: 1453(Page-1/1)

Dated: 23-09-2019

Dated: 23-09-2019

Test: Tension Test

Test Specification:

ASTM-A-615

Deformed

Gauge Length: 8 inch

Sample Type:

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	12.86	18.98	64480	65380	95140	96460	1.00	8.0	12.5	
2	1.478	6	0.743	0.44	0.434	13.48	19.11	67550	68480	95800	97130	1.10	8.0	13.8	
3	0.648	4	0.492	0.20	0.190	6.95	8.46	76660	80700	93300	98210	1.30	8.0	16.3	
4	0.649	4	0.493	0.20	0.191	6.94	8.43	76550	80160	92960	97340	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

Col ® Muhammad Akmal Hayat
 General Manager, Optimus Constryction (Pvbt) Ltd. DHA Lahore

Test Performed By: Dr. /Engr.

S. Asad Ali
Gillani

Client Reference: nil
 Dated: 23-09-2019
 Test: Tension Test

SOM Lab
 Ref: 1455(Page-1/1)
 Dated: 23-09-2019

Test Specification: ASTM-A-615
 Deformed Bar

Gauge Length: 8 inch

Sample Type:

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	6.07	8.48	66890	68600	93530	95920	1.10	8.0	13.8	
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BEND TEST:

--	No Bend test performed	Note:- Only One Sample Received and Tested

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