

Sub Divisional officer,

**Test Performed By:**

**Dr. /Engr. Asad Ali Gillani**

PHE:SD-I Mianwali.(PCC Slab Sewerage/Drainage Wandhi Isb PACCA Ghanjera Wan Bhachran)

**Client Reference:** 126/MI-I

**SOM Lab** 5650 (Page-

**Ref:** 1/2)

**Dated:** 10-11-2021

**Dated:** 11-01-2022

**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 <sup>2</sup>	in <sup>2</sup>	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	0.662	4	0.498	0.20	0.195	6.70	9.07	73850	75750	100050	102610	1.00	8.0	12.5	
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**BEND TEST:**

# 4	Sample bend through 180 degrees Satisfactorily without any crack	<b>Note:-</b>  Only Two Samples Received and Tested

Note: Please always confirm the results of above report on web [www.uet-civil.edu.pk](http://www.uet-civil.edu.pk)

Sub Divisional officer,  
PHE:SD-I Mianwali.(Const Of PCC Slab/Drains/Sewerage Pakka Ghanjera)

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

**Client Reference:** 130/MI-I

**SOM Lab** 5650 (Page-

**Ref:** 2/2)

**Dated:** 13-11-2021

**Dated:** 11-01-2022

**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 <sup>2</sup>	in <sup>2</sup>	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	0.677	4	0.503	0.20	0.199	6.80	9.14	74980	75360	100830	101340	1.00	8.0	12.5	
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**BEND TEST:**

# 4	Sample bend through 180 degrees Satisfactorily without any crack	<b>Note:-</b>  Only Two Samples Received and Tested

Note: Please always confirm the results of above report on web [www.uet-civil.edu.pk](http://www.uet-civil.edu.pk)

M. Munir

**Test Performed By:**

Dr. /Engr.

S.Asad Ali Gillani

Construction Manager Minky & Associate Pvt. Ltd.(34-S, Gilberg II Lahore)

**Client Reference:** MA/UET/34/22111

**SOM Lab**

5651 (Page-

**Ref:**

1/1)

**Dated:** 13-01-2022

**Dated:**

11-01-2022

**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 <sup>2</sup>	in <sup>2</sup>	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	1.460	8	0.739	0.79	0.429	13.89	18.90	38790	71430	52760	97160	1.20	8.0	15.0	
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**BEND TEST:**

# 8	Sample bend through 180 degrees Satisfactorily without any crack	<b>Note:-</b>  Only Two Samples Received and Tested

Note: Please always confirm the results of above report on web [www.uet-civil.edu.pk](http://www.uet-civil.edu.pk)

Muddasir Ali  
Lahore

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

Client Reference: Nil

SOM Lab 5652 (Page-

Ref: 1/1)

Dated: 11-01-2022

Dated: 11-01-2022

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 <sup>2</sup>	in <sup>2</sup>	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	2.666	8	0.998	0.79	0.783	25.79	34.12	72000	72640	95250	96100	1.40	8.0	17.5	
2	1.480	6	0.744	0.44	0.435	15.60	20.64	78180	79080	103470	104660	1.20	8.0	15.0	
3	0.668	4	0.500	0.20	0.196	7.00	8.87	77230	78800	97800	99790	1.00	8.0	12.5	
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**BEND TEST:**

# 8	Sample bend through 180 degrees Satisfactorily without any crack	<b>Note:-</b>  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](http://www.uet-civil.edu.pk)

Muhammad Tayyab

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

AE B&R Actg GE(Navy)Lahore.(Const.Of Office Block (Phase-I G+1 Only)

Client Reference: 6023/926/68/E-6

SOM Lab

5653 (Page-

Ref:

1/1)

Dated: 29-12-2021

Dated:

11-01-2022

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 <sup>2</sup>	in <sup>2</sup>	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	2.069	7	0.880	0.60	0.608	22.58	30.73	83000	81900	112970	111490	1.20	8.0	15.0	
2	2.067	7	0.879	0.60	0.607	22.99	31.14	84500	83520	114470	113150	1.10	8.0	13.8	
3	1.507	6	0.751	0.44	0.443	14.85	22.88	74450	73940	114710	113930	1.20	8.0	15.0	
4	1.491	6	0.747	0.44	0.438	14.78	23.01	74090	74430	115320	115850	1.30	8.0	16.3	
5	0.646	4	0.492	0.20	0.190	6.22	9.35	68570	72180	103080	108500	1.00	8.0	12.5	
6	0.645	4	0.492	0.20	0.190	6.32	9.40	69700	73360	103640	109100	1.20	8.0	15.0	
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**BEND TEST:**

# 7	Sample bend through 180 degrees Satisfactorily without any crack	<b>Note:-</b>  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](http://www.uet-civil.edu.pk)

Engr. Muhammad Fiaz

**Test Performed By:**

Dr. /Engr. S.Asad Ali Gillani

SDO, The Punjab Employees Social Security Institution, Lhr. (Const. Of Oncology Block At SSH Taunsa)

**Client Reference:** SS.DC( )/381

**SOM Lab** 5655 (Page-

**Ref:** 1/1)

**Dated:** 04-01-2022

**Dated:** 11-01-2022

**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 <sup>2</sup>	in <sup>2</sup>	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	1.516	6	0.754	0.44	0.446	14.99	21.00	75160	74150	105260	103840	1.00	8.0	12.5	
2	1.524	6	0.755	0.44	0.448	15.20	21.19	76180	74820	106230	104330	0.90	8.0	11.3	
3	0.669	4	0.501	0.20	0.197	7.80	8.80	85990	87300	97010	98490	1.00	8.0	12.5	
4	0.665	4	0.498	0.20	0.195	6.99	8.90	77110	79090	98130	100650	1.10	8.0	13.8	
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**BEND TEST:**

# 6	Sample bend through 180 degrees Satisfactorily without any crack	<b>Note:-</b>  Only Six 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](http://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/13/171

SOM Lab 5656 (Page-

Ref: 1/1)

Dated: 11-01-2022

Dated: 11-01-2022

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 <sup>2</sup>	in <sup>2</sup>	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	1.475	6	0.743	0.44	0.433	13.43	18.35	67290	68380	91970	93460	1.20	8.0	15.0	
2	1.467	6	0.741	0.44	0.431	12.81	17.99	64230	65570	90180	92070	1.40	8.0	17.5	
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**BEND TEST:**

--	No Bend test performed	<b>Note:-</b>  Only Two Samples Received and Tested

Note: Please always confirm the results of above report on web [www.uet-civil.edu.pk](http://www.uet-civil.edu.pk)

Sub Divisional officer,

**Test Performed By:**

**Dr. /Engr. Asad Ali Gillani**

PHE:SD Shahpur.(Sewerage Drainage Scheme In 5 Nos. Colonies Of Chak no.79/NB Sargodha)

**Client Reference:** 22

**SOM Lab** 5754 (Page-

**Ref:** 1/1)

**Dated:** 24-01-2022

**Dated:** 26-01-2022

**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 <sup>2</sup>	in <sup>2</sup>	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	1.461	6	0.739	0.44	0.429	13.66	18.81	68470	70230	94270	96690	1.30	8.0	16.3	
2	0.647	4	0.492	0.20	0.190	7.08	8.58	78130	82240	94650	99630	0.90	8.0	11.3	
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**BEND TEST:**

# 6	Sample bend through 180 degrees Satisfactorily without any crack	<b>Note:-</b>  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](http://www.uet-civil.edu.pk)