

M.Nadeem Zafar Ullah

**Test Performed By:**

Dr. /Engr.

Asad Ali Gillani

Incharge (Civil),SNGPL.(Const And Domestic Meter Inspection Shop At Multan)

**Client Reference:** CC/DMIS/MLN

**SOM Lab**

**Ref:**

276 (Page-1/1)

**Dated:** 30-04-2022

**Dated:**

09-05-2022

**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	2.624	8	0.991	0.79	0.771	23.41	32.28	65370	66980	90130	92350	1.30	8.0	16.3	
2	2.616	8	0.990	0.79	0.769	23.39	32.39	65310	67100	90410	92880	1.40	8.0	17.5	
3	1.625	6	0.780	0.44	0.478	18.20	22.48	91210	83960	112660	103710	0.80	8.0	10.0	
4	1.622	6	0.779	0.44	0.477	18.45	22.40	92480	85310	112260	103550	0.80	8.0	10.0	
5	0.606	4	0.476	0.20	0.178	5.96	7.26	65760	73890	80040	89930	1.10	8.0	13.8	
6	0.606	4	0.476	0.20	0.178	6.29	7.72	69360	77930	85100	95610	1.00	8.0	12.5	
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**BEND TEST:**

--	No Bend test performed	<b>Note:-</b>  Only Six 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)

Deputy Director (Engg)

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

PHA Grw.(Renovation Of Gulshan-e-Iqbal Park Including Track Lighting Sys And Functioning Of Lake)

Client Reference: DDE/PHA/GRW-22/

SOM Lab

Ref: 277 (Page-1/1)

Dated: 09-05-2022

Dated: 09-05-2022

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	0.592	4	0.471	0.20	0.174	6.66	8.10	73410	84370	89370	102720	1.10	8.0	13.8	
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**BEND TEST:**

--	No Bend test performed	<b>Note:-</b>  Only One Sample 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

BSD NNB.(Const. For The Project GS. No. 5817 (Group-2) For The Year 2021-22)

**Client Reference:** 1058/SDO/BSD/NNS

**SOM Lab**

**Ref:** 278 (Page-1/4)

**Dated:** 22-04-2022

**Dated:** 09-05-2022

**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	2.685	8	1.002	0.79	0.789	30.99	38.71	86510	86620	108060	108190	1.20	8.0	15.0	
2	1.502	6	0.749	0.44	0.441	16.72	21.22	83800	83610	106380	106140	1.10	8.0	13.8	
3	0.592	4	0.471	0.20	0.174	6.19	7.80	68230	78430	85990	98840	0.90	8.0	11.3	
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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)

Sub Divisional officer,

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

BSD NNB.(Const. For The Project Basic Health Unit Fatha Thatha For The Year 2021-22)

**Client Reference:** 1061/SDO/BSD/NNS

**SOM Lab**

**Ref:** 278 (Page-2/4)

**Dated:** 22-04-2022

**Dated:** 09-05-2022

**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	2.646	8	0.995	0.79	0.778	30.60	38.53	85430	86750	107570	109230	1.20	8.0	15.0	
2	1.488	6	0.746	0.44	0.437	16.69	21.02	83640	84220	105360	106080	1.20	8.0	15.0	
3	0.595	4	0.472	0.20	0.175	6.42	7.95	70820	80940	87680	100210	1.30	8.0	16.3	
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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)

Sub Divisional officer,

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

BSD NNB.(Const. For The Project GS. No. 5817 (Group-3) For The Year 2021-22)

**Client Reference:** 1059/SDO/BSD/NNS

**SOM Lab**

**Ref:** 278 (Page-3/4)

**Dated:** 22-04-2022

**Dated:** 09-05-2022

**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	2.637	8	0.993	0.79	0.775	30.70	38.63	85720	87380	107860	109940	1.30	8.0	16.3	
2	1.500	6	0.749	0.44	0.441	16.72	20.87	83800	83610	104590	104360	1.20	8.0	15.0	
3	0.594	4	0.472	0.20	0.175	6.44	8.05	71040	81190	88800	101490	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 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)

Sub Divisional officer,

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

BSD NNB.(Const. For The Project GS. No. 5817 (Group-1) For The Year 2021-22)

**Client Reference:** 1057/SDO/BSD/NNS

**SOM Lab**

**Ref:** 278 (Page-4/4)

**Dated:** 22-04-2022

**Dated:** 09-05-2022

**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	2.557	8	0.978	0.79	0.751	23.50	31.60	65600	69000	88220	92800	1.40	8.0	17.5	
2	1.495	6	0.748	0.44	0.439	16.72	21.00	83800	83990	105260	105500	1.10	8.0	13.8	
3	0.596	4	0.472	0.20	0.175	6.39	7.92	70480	80550	87340	99820	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)

Sub Divisional officer,

**Test Performed By:**

**Dr. /Engr.**

Asad Ali Gillani

BSD Shahkot .(Const Of Distt Jail Nankana Sahib ADP No.5740, For The Year 21-22)

**Client Reference:** 2660-A

**SOM Lab**

**Ref:**

279 (Page-1/1)

**Dated:** 24-03-2022

**Dated:**

09-05-2022

**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	0.594	4	0.472	0.20	0.175	4.51	6.83	49690	56790	75320	86070	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)