

Haji Hamid  
Lahore

Test Performed By: Dr. /Engr. Asad Gillani

Client Reference: Nil

SOM Lab

Ref: 5384(Page-1/1)

Dated: 30-11-2021

Dated: 30-11-2021

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	0.681	4	0.505	0.20	0.200	6.34	8.66	69920	69920	95550	95550	1.20	8.0	15.0	
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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)

Tahir Mehmood

Test Performed By:

Dr. /Engr. Asad Gillani

CE New Lahore city,(Construction Of 12-Nos Homes Ph.-IV,New lahore City)

Client Reference: NLC/CE/Const/013

SOM Lab

Ref: 5385(Page-1/1)

Dated: 29-11-2021

Dated: 30-11-2021

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar ( Amreli 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	1.503	6	0.750	0.44	0.442	15.82	20.80	79300	78940	104230	103760	1.30	8.0	16.3	
2	1.497	6	0.748	0.44	0.440	15.77	20.76	79050	79050	104080	104080	1.10	8.0	13.8	
3	0.609	4	0.477	0.20	0.179	6.32	7.46	69700	77870	82290	91940	1.10	8.0	13.8	
4	0.612	4	0.479	0.20	0.180	6.44	7.59	71040	78940	83750	93050	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)

Husnain Kareemain  
Lahore.(Project: Rahim Yar Khan Beacon House School)

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

**Client Reference:** Nil

**SOM Lab**

**Ref:** 5386(Page-1/1)

**Dated:** 30-11-2021

**Dated:** 30-11-2021

**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	1.468	6	0.741	0.44	0.431	13.02	21.17	65250	66610	106130	108340	1.30	8.0	16.3	
2	1.520	6	0.754	0.44	0.447	13.56	21.81	67960	66890	109340	107630	1.50	8.0	18.8	
3	0.636	4	0.488	0.20	0.187	5.98	9.25	65990	70570	101960	109040	1.00	8.0	12.5	
4	0.635	4	0.488	0.20	0.187	6.01	9.19	66320	70930	101390	108440	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)

Syed Mohsin Ali

Test Performed By: Dr. /Engr. Asad Gillani

RE QA/QC Department Bahria Town Lahore.(Storm Water Drain at Ph-I Bahria Orchard Lhr.)

Client Reference: QA/QC-Steel-2426

SOM Lab

Ref: 5387(Page-1/1)

Dated: 24-11-2021

Dated: 30-11-2021

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 <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	6.27	8.31	69130	70910	91610	93960	1.20	8.0	15.0	
2	0.667	4	0.500	0.20	0.196	6.29	8.43	69360	70770	92960	94860	1.30	8.0	16.3	
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**BEND TEST:**

# 4	Sample bend through 180 degrees Satisfactorily without any crack	<b>Note:-</b>  Only Three 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)

Raza Hashmi  
Gulberg,Lahore.

Test Performed By: Dr. /Engr. Asad Gillani

Client Reference: Nil

SOM Lab

Ref: 5389(Page-1/1)

Dated: 30-11-2021

Dated: 30-11-2021

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	2.693	8	1.004	0.79	0.791	29.51	35.22	82390	82280	98320	98200	1.20	8.0	15.0	
2	1.455	6	0.738	0.44	0.428	15.92	19.88	79810	82050	99640	102430	1.30	8.0	16.3	
3	0.681	4	0.505	0.20	0.200	6.98	8.74	77000	77000	96340	96340	1.20	8.0	15.0	
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**BEND TEST:**

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

Yasir Ahmad  
GM-Works FF Steel,Lahore

Test Performed By: Dr. /Engr. Asad Gillani

Client Reference: Nil  
Dated: 20-11-2021

SOM Lab  
Ref: 5390(Page-1/1)  
Dated: 30-11-2021

Test: Tension Test & Bend Test  
Gauge Length: 8 inch

Test Specification: ASTM-A-615  
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	1.478	6	0.743	0.44	0.434	13.61	19.75	68210	69160	98970	100340	1.30	8.0	16.3	
2	1.480	6	0.744	0.44	0.435	13.97	19.85	70000	70810	99480	100630	1.30	8.0	16.3	
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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)