

M.Waqas Ahmad

Test Performed By:

Dr. /Engr.

Wasim Abbas

M.D Construction Co. Karachi.(Const Of MPT Building at PARCO Terminal TS-4)

Client Reference: Nil

Dated: 27-08-2025

SOM Lab Ref: CED/SOM/1693 (Page-1/1)

Dated: 27-08-2025

Test: Tension Test & Bend Test

Test Specification: ASTM-A 615

Sample Type: Deformed Bar

Gauge Length: 200 mm

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)				
	kg/m	mm	mm	mm <sup>2</sup>	mm <sup>2</sup>	kN	kN	MPa	MPa	MPa	MPa	mm	mm	%	
1	1.535	16	15.80	201	196	100.00	130.50	497	511	649	666	35.0	200	17.5	
2	1.542	16	15.81	201	196	99.50	132.50	495	507	659	675	32.5	200	16.3	
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**BEND TEST:**

16mm	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)

Babar Shehzad  
 Manager Civil United Industries Limited Faisalabad.

Test Performed By: Dr. /Engr. Wasim Abbas

Client Reference: Nil

SOM Lab

Ref: 1694 (Page-1/1)

Dated: 25-08-2025

Dated: 27-08-2025

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type: Def. 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	2.673	8	1.000	0.79	0.786	26.15	34.98	73000	73370	97670	98170	1.30	8.0	16.3	
2	1.480	6	0.744	0.44	0.435	14.73	20.20	73830	74680	101270	102440	1.30	8.0	16.3	
3	0.665	4	0.498	0.20	0.195	6.57	8.99	72510	74360	99150	101690	1.30	8.0	16.3	
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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)

Engr. Urwa Zaheer  
HS Ideal Tower Bahria Town Lahore.(Raft)

Test Performed By: Dr. /Engr. Nauman Khurram

Client Reference: HSIT/03

SOM Lab

Ref: 1695 (Page-1/1)

Dated: 21-08-2025

Dated: 22-08-2025

Test: Tension 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	1.484	6	0.745	0.44	0.436	14.39	20.97	72150	72810	105100	106070	1.30	8.0	16.3	
2	1.486	6	0.746	0.44	0.437	13.63	20.51	68320	68790	102800	103510	1.40	8.0	17.5	
3	0.643	4	0.491	0.20	0.189	6.03	7.87	66550	70420	86780	91830	1.20	8.0	15.0	
4	0.654	4	0.494	0.20	0.192	6.01	8.21	66320	69090	90490	94260	1.20	8.0	15.0	
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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)

Resident Engineer

Test Performed By: Dr. /Engr. Wasim Abbas

Al-Imam Enterprises Pvt. Ltd.(Const Of One Central Project, Barki Road Lahore)

Client Reference: Al-Imam/OCPL-LHR/WMG/Un.E-11

SOM Lab

Ref: 1696 (Page-1/1)

Dated: 25-08-2025

Dated: 27-08-2025

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Def. Bar (Mughal Supreme 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	1.487	6	0.746	0.44	0.437	14.19	17.99	71130	71610	90180	90800	1.30	8.0	16.3	
2	1.493	6	0.748	0.44	0.439	14.22	17.96	71280	71440	90030	90240	1.20	8.0	15.0	
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**BEND TEST:**

# 6	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)

Sabin Khan

**Test Performed By:** Dr. /Engr. Nauman Khurram

Admin Incharge Linker Developers (Pvt) Ltd.(Const Of Warehouse at Emirates,Nathaykhalsa Multan Road)

**Client Reference:** LINKER/08/25/017

**SOM Lab**

**Ref:** 1697(Page-1/1)

**Dated:** 26-08-2025

**Dated:** 27-08-2024

**Test:** Tension Test & Bend Test

**Test Specification:** ASTM-A-615

**Gauge Length:** 8 inch

**Sample Type:** Deformed Bar (Markhor)

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	1.479	6	0.744	0.44	0.435	14.44	18.83	72400	73240	94370	95460	1.30	8.0	16.3	
2	1.485	6	0.745	0.44	0.436	14.73	18.98	73830	74510	95140	96010	1.30	8.0	16.3	
3	0.656	4	0.496	0.20	0.193	6.95	9.07	76660	79450	100050	103670	1.10	8.0	13.8	
4	0.657	4	0.496	0.20	0.193	6.93	9.12	76440	79210	100610	104260	1.00	8.0	12.5	
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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)

Engr.Riaz Ahmad, RE

Test Performed By:

Dr. /Engr.

Nauman Khurram

Metroplan-Asian JV Site Office.(Estb Of NSICTR Lahore Phase-1,Pkg-A&D)

Client Reference: Metroplan Asian JV,NSICTR-RE(A&D)/273

SOM Lab

Ref:

1698 (Page-1/2)

Dated: 25-08-2025

Dated:

27-08-2025

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	1.511	6	0.752	0.44	0.444	14.09	19.06	70620	69980	95550	94690	1.20	8.0	15.0	
2	1.505	6	0.750	0.44	0.442	13.97	18.86	70000	69690	94530	94100	1.20	8.0	15.0	
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**BEND TEST:**

# 6	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)

Engr.Riaz Ahmad, RE

Test Performed By:

Dr. /Engr.

Nauman Khurram

Metroplan-Asian JV Site Office.(Estb Of NSICTR Lahore Phase-1,Pkg-A&D)

**Client Reference:** Metroplan Asian JV,NSICTR-RE(A&D)/275

**SOM Lab**

**Ref:**

1698 (Page-2/2)

**Dated:** 25-08-2025

**Dated:**

27-08-2025

**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	2.621	8	0.990	0.79	0.770	24.46	32.79	68300	70080	91550	93930	1.40	8.0	17.5	
2	2.596	8	0.986	0.79	0.763	24.33	32.67	67930	70340	91210	94440	1.50	8.0	18.8	
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**BEND TEST:**

# 8	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)

Resident Engineer

Test Performed By:

Dr. /Engr. Asad Ali Gillani

Metroplan-Asian JV Site Office.(Estb Of NSICTR Lahore Phase-1,Pkg-B)

Client Reference: Metroplan-Asian(JV)/NSICTR/RE-B&C/B/448

SOM Lab

Ref: 1699 (Page-1/1)

Dated: 26-08-2025

Dated: 27-08-2025

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Def Bar (AF 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	2.661	8	0.998	0.79	0.782	22.17	34.35	61900	62530	95900	96890	1.30	8.0	16.3	
2	2.674	8	1.000	0.79	0.786	22.32	34.66	62330	62640	96760	97250	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 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)