

Azeem Ahmad Siddiqui
 Highrise Pvt Ltd. Lahore.(NPS Rollout 2025)(Site: 44652)

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

Client Reference: Nil

SOM Lab Ref: 1754 (P-1/3)

Dated: 10-09-2025

Dated: 10-09-2025

Test: Tension Test

Test Specification: ASTM-A-615

Guage Length: 200 mm

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)				
	kg/m	mm	mm	mm ²	mm ²	kN	kN	MPa	MPa	MPa	MPa	mm	mm	%	
1	3.882	25	25.11	491	495	244.50	334.20	498	494	681	676	35.0	200	17.5	
2	3.890	25	25.12	491	495	250.50	336.50	510	506	685	680	27.5	200	13.8	
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Witnessed By: Remzan (CNIC 3740627849041)

BEND TEST:

25mm	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Three Samples Received and Tested

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

Azeem Ahmad Siddiqui
 Highrise Pvt Ltd. Lahore.(NPS Rollout 2025)(Site: 44184)

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

Client Reference: Nil

SOM Lab Ref: 1754 (P-2/3)

Dated: 10-09-2025

Dated: 10-09-2025

Test: Tension Test

Test Specification: ASTM-A-615

Guage Length: 200 mm

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)				
	kg/m	mm	mm	mm ²	mm ²	kN	kN	MPa	MPa	MPa	MPa	mm	mm	%	
1	2.523	20	20.22	314	321	160.50	239.20	511	500	762	746	30.0	200	15.0	
2	2.521	20	20.22	314	321	161.00	240.50	513	502	766	749	27.5	200	13.8	
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Witnessed By: Remzan (CNIC 3740627849041)

BEND TEST:

20mm	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Three Samples Received and Tested

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

Azeem Ahmad Siddiqui
 Highrise Pvt Ltd. Lahore.(NPS Rollout 2025)(Site: 44394)

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

Client Reference: Nil

SOM Lab Ref: 1754 (P-3/3)

Dated: 10-09-2025

Dated: 10-09-2025

Test: Tension Test

Test Specification: ASTM-A-615

Guage Length: 200 mm

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)				
	kg/m	mm	mm	mm ²	mm ²	kN	kN	MPa	MPa	MPa	MPa	mm	mm	%	
1	3.896	25	25.13	491	496	249.70	339.20	509	504	691	684	35.0	200	17.5	
2	3.891	25	25.12	491	496	243.70	331.00	496	492	674	668	35.0	200	17.5	
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Witnessed By: Ramzan (CNIC 3740627849041)

BEND TEST:

25mm	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Three Samples Received and Tested

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

Assistant Engineer/Workshop

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

Pak Railway Moghalpura.(4Nos Premium Shops and Allied Works at Shalimar Link Rd in The Section of IOW-North Moghalpura)

Client Reference: W-1

SOM Lab

Ref: 1753 (Page-1/1)

Dated: 15-07-2025

Dated: 10-09-2025

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 ²	in ²	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	0.680	4	0.505	0.20	0.200	7.59	9.09	83750	83750	100270	100270	1.10	8.0	13.8	
2	0.676	4	0.503	0.20	0.199	8.02	9.25	88470	88910	101960	102470	1.10	8.0	13.8	
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BEND TEST:

# 4	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Three Samples Received and Tested

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

Farhan Tariq Khan
PM The First Brick Lahore.(Project Ravi Business Center)

Test Performed By: Dr. /Engr. Nauman Khurram

Client Reference: TFB/Report-009

SOM Lab

Ref: 1755 (Page-1/1)

Dated: Nil

Dated: 10-09-2025

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 ²	in ²	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	0.679	4	0.505	0.20	0.200	6.60	9.09	72730	72730	100270	100270	1.00	8.0	12.5	SJ
2	0.682	4	0.505	0.20	0.200	6.52	9.07	71940	71940	100050	100050	1.10	8.0	13.8	SJ
3	0.656	4	0.496	0.20	0.193	6.09	8.10	67110	69540	89370	92610	1.20	8.0	15.0	Capt Isb
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BEND TEST:

# 4	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Four Samples Received and Tested

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

Project Manager
Guarantee Engineers (Pvt) Ltd Lahore.

Test Performed By: Dr. /Engr. Nauman Khurram

Client Reference: GEPL/PROJECTS/3907/25

SOM Lab

Ref: 1756 (Page-1/1)

Dated: 08-09-2025

Dated: 10-09-2025

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 ²	in ²	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	1.027	5	0.620	0.31	0.302	9.99	12.92	71070	72960	91890	94320	1.30	8.0	16.3	
2	1.028	5	0.620	0.31	0.302	9.68	12.61	68900	70720	89710	92090	1.40	8.0	17.5	
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BEND TEST:

# 5	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Three Samples Received and Tested

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