

Test Performed by: Dr. S. Asad Ali Gillani

Allah Ditta
Purchase Officer Everfresh Form (Pvt) Ltd. Lahore

Client Reference No.: Nil

Dated: 12-03-2025

SOM Lab Ref: CED/SOM/598 (Page-2/2)

Dated: 12-03-2025

Test Type: Slippage Test & Hardness Test

Sample Type: *Anchor Bolt with Nut (28mm)*

Slippage Test Results

Sample No.	Sample Type	Diameter of Bolt (mm)	Maximum Load Applied (kN)	Remarks
1	Anchor Bolt with Nut	28.0	406.0	Sample fails from Thread portion

Hardness Test Details:

Machine used: Avery Rockwell Hardness Testing Machines
(Minor Load: 10 KgfMajor Load: 140.0 kgf Scale: C)

Hardness Test Results

Sample No.	Sample Type	Hardness avg
1	Anchor Bolt	HR – 23.66– C
2	Anchor Bolt	HR – 19.33- C
3	Nut	HR – 19.83- C
4	Nut	HR – 20.33- C
5	Nut	HR – 19.0- C
6	Nut	HR – 21.83- C

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

Purchase Officer Everfresh Form (Pvt) Ltd. Lahore

Asad Ali Gillani

Gauge Length: 200 mm

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

PHA, Lahore.(Const Of Swimming Pool at Gulshan Iqbal Park Lahore)

Dr. /Engr. Nauman Khurram

Dated: 11-03-2025

Ref: 931(Page-1/1)

Dated: 12-03-2025

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 ²	in ²	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	1.467	6	0.741	0.44	0.431	15.04	19.34	75370	76940	96930	98950	1.10	8.0	13.8	
2	0.660	4	0.497	0.20	0.194	6.68	8.97	73630	75910	98920	101980	1.10	8.0	13.8	
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<u>BEND TEST:</u>															
--	No Bend test performed										Note:- Only Two Samples Received and Tested				
Note: Please always confirm the results of above report on web www.uet-civil.edu.pk															

PM HMB Developers Pvt Ltd. Lahore (Commercial Tower, FTC Lahore)

Dr. /Engr. Asad Ali Gillani

SOM Lab

Ref: 932(Page-1/1)

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type: Deformed Bar (Blity # 1443)

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	0.597	4	0.472	0.20	0.175	5.52	7.54	60930	69630	83180	95070	1.50	8.0	18.8	
2	0.592	4	0.471	0.20	0.174	5.52	7.44	60930	70030	82060	94320	1.50	8.0	18.8	
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<u>BEND TEST:</u>															
# 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															

MMP (Pvt) Ltd. **Test Performed By:** Dr. /Engr. Asad Ali Gillani
ARE Pkg V MMP-PCP Okara.(Sewerage System)(Const Of Waste Water Treatment Plant)

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Dated: 12-03-2025

ASTM-A-615

Deformed Bar (Batala 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 ²	in ²	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	1.498	6	0.748	0.44	0.440	13.78	18.86	69080	69080	94530	94530	1.50	8.0	18.8	
2	1.495	6	0.748	0.44	0.439	13.78	18.93	69080	69240	94880	95100	1.60	8.0	20.0	
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<u>BEND TEST:</u>															
# 6	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															

ARE Pkg V MMP-PCP Okara.(Sewerage System)(Const Of Waste Water Treatment Plant)

Dr. /Engr. Asad Ali Gillani

Dated: 25-02-2025

Ref: 934 (Page-1/1)

Dated: 12-03-2025

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar

[illegible]

BEND TEST:

# 4	Sample bend through 180 degrees Satisfactorily without any crack	Note:- 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

RE GIM Developers.(Dev of a Tower 51 New Garden Town Lahore Babar Block)

Dr. /Engr. Nauman Khurram

SOM Lab

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12-03-2025

Test Specification:

ASTM-A-615

Sample Type: Deformed Bar (5 Star)

[illegible]

BEND TEST:

# 8	Sample bend through 180 degrees Satisfactorily without any crack	Note:- 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