

Test Performed By: Dr. /Engr. Wasim Abbas

Client Reference: Nil
SOM Lab Ref: CED/SOM/831(Page-1/2)

Dated: 20-02-2025
Dated: 25-02-2025

Test: Tension Test & Bend Test

Test Specification: ASTM-A 615

Sample Type: M S Deformed Bar

Gauge Length: 200 mm

[illegible]

BEND TEST:

16mm	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Six Samples Received and Tested
16mm	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

Test Performed By: Dr. /Engr. Wasim Abbas
(I Heater at SAP)

Dated: 13-02-2025
Dated: 25-02-2025
cation: ASTM-A 615
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 ²	mm ²	kN	kN	MPa	MPa	MPa	MPa	mm	mm	%	
1	1.555	16	15.88	201	198	108.70	124.00	541	549	617	627	27.5	200	13.8	
2	1.564	16	15.93	201	199	105.50	121.70	525	530	605	611	27.5	200	13.8	
3	1.555	16	15.88	201	198	103.70	120.70	516	524	600	610	32.5	200	16.3	
4	1.562	16	15.92	201	199	107.20	123.00	533	539	612	619	32.5	100	32.5	
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<u>BEND TEST:</u>															
16mm		Sample bend through 180 degrees Satisfactorily without any crack									Note:- Only Six Samples Received and Tested				
16mm		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															

Ali Raza
Site Engineer Park Diamond Vista Lahore.

Test Performed By: Dr. /Engr. Wasim Abbas

Client Reference: Nil

Dated: 20-01-2025

Test: Tension Test & Bend Test

Gauge Length: 8 inch

SOM Lab

Ref: 830 (Page-1/1)

Dated: 25-02-2025

Test Specification:

ASTM-A-615

Sample Type:

Deformed Bar

[illegible]

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

Dr. /Engr. Asad Ali Gillani

Dated: 20-02-2025

Ref: 832 (Page-1/1)

Dated: 25-02-2025

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	1.501	6	0.749	0.44	0.441	13.32	18.37	66780	66630	92070	91870	1.50	8.0	18.8	Batala
2	1.508	6	0.751	0.44	0.443	13.17	18.37	66020	65570	92070	91450	1.50	8.0	18.8	Batala
3	0.665	4	0.498	0.20	0.195	5.30	7.14	58460	59950	78690	80710	1.10	8.0	13.8	Batala
4	0.665	4	0.498	0.20	0.195	5.40	7.14	59580	61110	78690	80710	1.20	8.0	15.0	Batala
5	0.665	4	0.498	0.20	0.195	5.17	6.95	56990	58460	76660	78630	1.30	8.0	16.3	Aziz
6	0.666	4	0.500	0.20	0.196	5.07	6.95	55870	57010	76660	78230	1.30	8.0	16.3	Aziz
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<u>BEND TEST:</u>															
# 6	Sample bend through 180 degrees Satisfactorily without any crack										Note:- Only Nine Samples Received and Tested				
# 4	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															

Tajammal Hussain Riaz, RE **Test Performed By:** Dr. /Engr. Wasim Abbas
ACE-Arts (Consultants) UAEET Sambrial,Sialkot.(Estb Of UAEET Sambrial,Sialkot)

Client Reference: <u>ER/UAEET/ACE/ME/2025/05</u>		SOM Lab
Dated: 18-02-2025		Ref: 834 (Page-1/1)
Test: Tension Test & Bend Test		Dated: 25-02-2025
Gauge Length: 8 inch	Test Specification: ASTM-A-615	
	Sample Type: Def Bar (Kamran Steel)	

[illegible]

Nespak.(Rehb/Impro Of Roads,Street Pavement ,Sewerage/Drain UC 32,33,34,35 RaviZone MCL)

Dr. /Engr. Wasim Abbas

SOM Lab

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Dated: 25-02-2025

Test Specification: ASTM-A-615

Sample Type: Deformed Bar

[illegible]

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

JCP Wahga NESPAK. (Expansion Of Joint Check Post Wahga, Lahore)

Dr. /Engr. Wasim Abbas

SOM Lab
Ref: 837 (Page-1/2)

Dated: 25-02-2025

Test Specification: ASTM-A-615

Sample Type: Deformed Bar (Aziz Steel)

[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

