

Syed Mustafa Ali

Test Performed By: Dr. /Engr. Nauman Khurram

Sr. Project Manager PGC, Lahore.(Const Of Horse Stable Building at Punjab Agri Farms,Kasur)

Client Reference: Q.A/QC/PGC/2025

SOM Lab

Ref: 759 (Page-1/1)

Dated: 11-02-2025

Dated: 12-02-2025

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	0.661	4	0.497	0.20	0.194	6.52	8.46	71940	74170	93300	96190	1.10	8.0	13.8	
2	0.665	4	0.498	0.20	0.195	6.60	8.56	72730	74600	94420	96850	1.20	8.0	15.0	
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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

Sub Divisional officer,

Test Performed By:

Dr. /Engr.

Nauman Khurram

PHE SD Toba Tek Singh.(Rehb Of Rural Water Supply Scheme Chak # 327/GB)

Client Reference: 29/PHE-SD-TTS

SOM Lab

Ref:

760 (Page-1/1)

Dated: 04-02-2025

Dated:

12-02-2025

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	1.397	6	0.723	0.44	0.411	9.68	14.58	48540	51970	73070	78220	1.70	8.0	21.3	
2	0.660	4	0.497	0.20	0.194	4.94	7.19	54520	56210	79250	81700	1.20	8.0	15.0	
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BEND TEST:

# 6	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Four 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

Syed Ahmad Azaz, APD

Test Performed By: Dr. /Engr. Nauman Khurram

PMU-SBP Gujranwala.(Const Of Multipurpose Sports Complex in Tehsil Sambrial Sialkot)

Client Reference: ADP/PMU/SBP/GRW/24/684

SOM Lab

Ref: 761 (Page-1/2)

Dated: 27-12-2024

Dated: 12-02-2025

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	1.492	6	0.747	0.44	0.438	13.68	19.69	68570	68880	98720	99170	1.70	8.0	21.3	
2	1.486	6	0.746	0.44	0.437	13.71	19.75	68730	69200	98970	99650	1.50	8.0	18.8	
3	0.657	4	0.496	0.20	0.193	6.93	9.02	76440	79210	99480	103090	1.10	8.0	13.8	
4	0.655	4	0.494	0.20	0.192	6.70	8.84	73850	76930	97460	101520	1.00	8.0	12.5	
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BEND TEST:

# 6	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

Syed Ahmad Azaz, APD
PMU-SBP Gujranwala.(Const Of Sports Complex in Gujranwala)

Test Performed By: Dr. /Engr. Nauman Khurram

Client Reference: ADP/PMU/SBP/GRW/24/683

SOM Lab

Ref: 761 (Page-2/2)

Dated: 27-12-2024

Dated: 12-02-2025

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type: Deformed Bar

ASTM-A-615

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	1.481	6	0.744	0.44	0.435	13.71	19.69	68730	69510	98720	99850	1.70	8.0	21.3	
2	1.482	6	0.745	0.44	0.436	13.66	19.72	68470	69100	98870	99780	1.80	8.0	22.5	
3	0.659	4	0.497	0.20	0.194	6.70	8.87	73850	76140	97800	100820	1.20	8.0	15.0	
4	0.665	4	0.498	0.20	0.195	6.75	8.89	74420	76320	98020	100530	1.30	8.0	16.3	
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BEND TEST:

# 6	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

Sub Divisional officer,PHE

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

SD Pattoki(Const Of Sewerage W/Supply & Drainage Scheme at Village Alowal &Adjoining Abadies)

Client Reference: 77/P

SOM Lab

Ref: 762(Page-1/6)

Dated: 01-02-2025

Dated: 12-02-2025

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	0.664	4	0.498	0.20	0.195	7.49	9.17	82620	84740	101170	103760	1.20	8.0	15.0	
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BEND TEST:

--	No Bend test performed	Note:- Only One Sample Received and Tested

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

Sub Divisional officer,PHE

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

SD Pattoki(Const Of Sewerage W/Supply & Drainage Scheme at Village Haseen Chak 47)

Client Reference: 83/P

SOM Lab

Ref: 762(Page-2/6)

Dated: 01-02-2025

Dated: 12-02-2025

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	0.666	4	0.500	0.20	0.196	5.96	7.87	65760	67100	86780	88550	1.30	8.0	16.3	
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BEND TEST:

--	No Bend test performed	Note:- Only One Sample Received and Tested

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

Sub Divisional officer,PHE

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

SD Pattoki (Const Of Sewerage W/Supply & Drainage Scheme at Village Megha,Kot Bhattian)

Client Reference: 92/P

SOM Lab

Ref: 762(Page-3/6)

Dated: 01-02-2025

Dated: 12-02-2025

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	0.661	4	0.497	0.20	0.194	6.03	8.99	66550	68610	99150	102210	1.10	8.0	13.8	
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BEND TEST:

--	No Bend test performed	Note:- Only One Sample Received and Tested

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

Sub Divisional officer,PHE

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

SD Pattoki (Const Of Sewerage W/Supply & Drainage Scheme at Village Sandhu Kalan)

Client Reference: 95/P

SOM Lab

Ref:

762(Page-4/6)

Dated: 01-02-2025

Dated:

12-02-2025

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	0.659	4	0.497	0.20	0.194	6.49	9.79	71610	73820	107910	111250	1.20	8.0	15.0	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
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BEND TEST:

--	No Bend test performed	Note:- Only One Sample Received and Tested

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

Sub Divisional officer,PHE

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

SD Pattoki (Const Of Sewerage W/Supply & Drainage Scheme at Village Lakhu Dair)

Client Reference: 98/P

SOM Lab

Ref: 762(Page-5/6)

Dated: 01-02-2025

Dated: 12-02-2025

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	0.668	4	0.500	0.20	0.196	5.27	7.03	58120	59300	77560	79150	1.50	8.0	18.8	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
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BEND TEST:

--	No Bend test performed	Note:- Only One Sample Received and Tested

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

Sub Divisional officer,PHE

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

SD Pattoki (Const Of Sewerage W/Supply & Drainage Scheme at Village Sarai Mughal)

Client Reference: 101/P

SOM Lab

Ref: 762(Page-6/6)

Dated: 01-02-2025

Dated: 12-02-2025

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	0.671	4	0.501	0.20	0.197	6.17	9.25	68010	69050	101960	103510	1.30	8.0	16.3	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
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BEND TEST:

--	No Bend test performed	Note:- Only One Sample Received and Tested

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

Divisional Forest Officer

Test Performed By: Dr. /Engr. Nauman Khurram

Kasur Forest Div at Changa Manga.(Const Of Boundary Wall at Changa Manga Plantation)

Client Reference: 934/AC

SOM Lab

Ref: 763 (Page-1/1)

Dated: 07-02-2025

Dated: 12-02-2025

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	0.672	4	0.501	0.20	0.197	6.24	8.82	68800	69840	97230	98720	1.20	8.0	15.0	
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BEND TEST:

--	No Bend test performed	Note:- Only One Sample Received and Tested

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

Guarantee Engineers (Pvt) Ltd
Lahore.(Const Of Atlas Tower Gulberg Lahore)

Test Performed By: Dr. /Engr. Nauman Khurram

Client Reference: GE/Atlas/402/2025

SOM Lab

Ref: 764 (Page-1/2)

Dated: 12-02-2025

Dated: 12-02-2025

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	2.640	8	0.994	0.79	0.776	25.40	33.84	70920	72200	94480	96190	1.50	8.0	18.8	
2	2.633	8	0.993	0.79	0.774	25.76	34.17	71920	73400	95390	97360	1.50	8.0	18.8	
3	1.498	6	0.748	0.44	0.440	13.61	19.06	68210	68210	95550	95550	1.20	8.0	15.0	
4	1.501	6	0.749	0.44	0.441	13.66	19.11	68470	68310	95800	95590	1.20	8.0	15.0	
5	1.011	5	0.615	0.31	0.297	10.21	13.30	72670	75850	94640	98780	1.20	8.0	15.0	
6	1.008	5	0.614	0.31	0.296	10.24	13.17	72890	76330	93700	98130	1.10	8.0	13.8	
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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	
# 5	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

Guarantee Engineers (Pvt) Ltd
Lahore.(Const Of Atlas Tower Gulberg Lahore)

Test Performed By: Dr. /Engr. Nauman Khurram

Client Reference: GE/Atlas/401/2025

SOM Lab

Ref: 764 (Page-2/2)

Dated: 12-02-2025

Dated: 12-02-2025

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	0.657	4	0.496	0.20	0.193	6.52	8.82	71940	74550	97230	100760	0.90	8.0	11.3	
2	0.661	4	0.497	0.20	0.194	6.49	8.72	71610	73820	96110	99080	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

Moeen Ahmad Khan, RE

Test Performed By: Dr. /Engr. Nauman Khurram

Nespak ADP WASA Lhr.(Rain Water Management-Drainage Arrangements-For Sore Point at Lhr)

Client Reference: ADPWASALHR/UGWT/TC/01

SOM Lab

Ref: 765 (Page-1/1)

Dated: 11-02-2025

Dated: 12-02-2025

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (Mughal 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	15.29	19.22	76640	76640	96320	96320	1.10	8.0	13.8	
2	1.495	6	0.748	0.44	0.439	15.36	19.27	77000	77180	96570	96790	1.30	8.0	16.3	
3	0.663	4	0.498	0.20	0.195	6.68	8.53	73630	75520	94090	96500	0.80	8.0	10.0	
4	0.663	4	0.498	0.20	0.195	6.90	8.72	76100	78050	96110	98580	0.80	8.0	10.0	
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BEND TEST:

# 6	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