

Executive Engineer

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

HSD Mandi Bahauddin.(Restoration Of Mandi Bahauddin Bypass Near Pindi Purani Distt Mandi Bahauddin)

Client Reference: 1023 DB

SOM Lab

Ref: 1920 (Page-1/1)

Dated: 10-05-2025

Dated: 10-10-2025

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	2.663	8	0.998	0.79	0.783	27.68	34.45	77270	77960	96190	97050	1.30	8.0	16.3	
2	1.477	6	0.743	0.44	0.434	15.62	19.85	78280	79360	99480	100860	1.10	8.0	13.8	
3	0.692	4	0.508	0.20	0.203	6.75	9.09	74420	73320	100270	98790	0.80	8.0	10.0	
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BEND TEST:

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

Muhammad Farooq Awan
PM AAA Partnership Pvt. Ltd.(JDW Tower Lahore)

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

Client Reference: AAA/SO/MFA1/121/2025

SOM Lab

Ref: 1921 (Page-1/1)

Dated: 10-10-2025

Dated: 10-10-2025

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	0.653	4	0.494	0.20	0.192	6.22	8.56	68570	71430	94420	98360	1.50	8.0	18.8	
2	0.651	4	0.493	0.20	0.191	6.19	8.53	68230	71450	94090	98520	1.30	8.0	16.3	
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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