

Saif Ullah
Procurement Deptt., M/S Linker (Construction of Disposal Station)

Test Performed By: Dr. /Engr. Nauman Khurram

Client Reference: Nil

Dated: 13-06-2023

Test: Tension Test & Bend Test

Gauge Length: 8 inch

Test Specification:

Sample Type:

SOM Lab

Ref: 2426 (Page-1/1)

Dated: 13-06-2023

ASTM-A-615
Deformed Bar (FF 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	1.501	6	0.749	0.44	0.441	13.99	19.39	70100	69950	97180	96960	1.40	8.0	17.5	
2	1.505	6	0.750	0.44	0.442	14.17	19.59	71020	70700	98210	97760	1.50	8.0	18.8	
3	0.667	4	0.500	0.20	0.196	6.34	8.63	69920	71350	95210	97150	1.30	8.0	16.3	
4	0.675	4	0.502	0.20	0.198	6.44	8.69	71040	71760	95770	96740	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

Muhammad Rana Manzar Ali
PM AR Enterprise Lahore.(Alfatah E-mail Project)

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

Client Reference: AEM/ST/UET/14/07

SOM Lab

Ref: 2451 (Page-1/1)

Dated: 14-06-2023

Dated: 15-06-2023

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (Sheikhoo 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	0.662	4	0.498	0.20	0.195	6.78	8.79	74750	76670	96900	99380	1.40	8.00	17.5	
2	0.663	4	0.498	0.20	0.195	6.80	8.74	74980	76900	96340	98810	1.30	8.00	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

Sub Divisional officer,
 BSD No15,Lhr.(Const Of B/Wall Alongwith Enterance Gate Of Harbanspura)

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

Client Reference: 3301

SOM Lab

Ref: 2452 (Page-1/1)

Dated: 12-06-2023

Dated: 15-06-2023

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	0.580	4	0.465	0.20	0.170	4.61	6.73	50810	59780	74190	87280	1.40	8.0	17.5	
2	0.575	4	0.464	0.20	0.169	4.56	6.75	50250	59470	74420	88070	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