

Aqeel Aslam, Manager Projects

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

Fatima Memorial Hospital.(Const of New Building at Fatima Memorial Hospital Lahore)

Client Reference: FMH/RAF/STE/36

SOM Lab

Ref: 280 (Page-1/1)

Dated: 29-11-2024

Dated: 29-11-2024

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	1.493	6	0.748	0.44	0.439	15.44	18.62	77410	77590	93350	93560	1.30	8.0	16.3	
2	1.506	6	0.751	0.44	0.443	15.80	18.78	79200	78660	94120	93480	1.20	8.0	15.0	
3	1.034	5	0.622	0.31	0.304	11.16	14.09	79410	80980	100230	102200	1.20	8.0	15.0	
4	1.035	5	0.622	0.31	0.304	11.57	14.48	82310	83940	102980	105010	1.10	8.0	13.8	
5	0.655	4	0.494	0.20	0.192	7.49	8.61	82620	86060	94990	98940	1.00	8.0	12.5	
6	0.664	4	0.498	0.20	0.195	7.56	8.69	83410	85550	95770	98230	1.10	8.0	13.8	
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BEND TEST:

# 6	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Nine Samples Received and Tested
# 5	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

M.Yasir Kiani, RE

Test Performed By:

Dr. /Engr. Asad Ali Gillani

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

Client Reference: 4749/031/YK/01/99

SOM Lab

Ref: 281 (Page-1/1)

Dated: 29-11-2024

Dated: 29-11-2024

Test: Tension Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (Aziz 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	1.503	6	0.750	0.44	0.442	12.59	19.72	63100	62820	98870	98420	1.30	8.0	16.3	
2	1.498	6	0.748	0.44	0.440	12.84	19.98	64380	64380	100150	100150	1.20	8.0	15.0	
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BEND TEST:

# 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