

Muhammad Asif Bajwa

Resident Engineer, PU Lahore Progressive Consultants (Pvt) Ltd.)

Test Performed By:

Dr. /Engr.

S. Asad Ali
Gillani

Client Reference: PCL-562/LHR/IEEE/PU/152

Dated: 21-05-2021

Test: Tension Test & Bend Test

Gauge Length: 8 inch

Test Specification:

Sample Type:

SOM Lab

Ref: 4341(Page-1/1)

Dated: 25-05-2021

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	2.566	8	0.980	0.79	0.754	21.27	29.77	59390	62230	83100	87070	1.30	8.0	16.3	
2	1.487	6	0.746	0.44	0.437	15.26	19.16	76490	77020	96060	96720	1.00	8.0	12.5	
3	0.656	4	0.496	0.20	0.193	5.73	7.31	63180	65470	80600	83520	1.00	8.0	12.5	
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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