

Rana Construction Company
Peshawar (Project: Softech System (Pvt) Ltd.)

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

Client Reference: nil

SOM Lab 4169(Page-

Ref: 1/1)

Dated: 06-04-2021

Dated: 06-04-2021

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (Kamran 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	1.473	6	0.743	0.44	0.433	13.46	20.29	67450	68540	101680	103320	1.20	8.0	15.0	
2	1.049	5	0.626	0.31	0.308	8.99	13.73	63970	64380	97690	98320	1.20	8.0	15.0	
3	0.668	4	0.500	0.20	0.196	5.63	8.74	62050	63320	96340	98300	1.20	8.0	15.0	
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Witnessed By: Sohaib Ali, Sub Engineer, NESPAK

BEND TEST:

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