

Jawad Qayyum Khan,RE

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

Nespak Sahiwal.(Const Of Bypass Royal Hotel To Sarwar Chowk Via Ada Mai Wali Masjid)

Client Reference: 4267/Sahiwal/ADP/Flyover/JQ/90

SOM Lab

Ref: 2932 (Page-1/1)

Dated: 25-09-2023

Dated: 28-09-2023

Test: Tension Test & Bend Test
inc

Test Specification:

ASTM-A-615

Gauge Length: 8 h

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	2.00	7	0.86	0.60	0.58	18.46	25.03	67860	69240	91990	93870	1.50	8.0	18.8	
2	2.00	7	0.86	0.60	0.58	18.52	25.13	68080	69360	92360	94090	1.40	8.0	17.5	
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BEND TEST:

# 7	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