

Sheikhoo Steel

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

Director Projects, Sheikhoo Sugar Mills Anwar Abad Kot Addu, Muzaffargarh.

Client Reference: Nil

SOM Lab

Ref:

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Dated: 14-04-2024

Dated:

15-04-2024

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	2.632	8	0.992	0.79	0.773	25.18	35.07	70290	71840	97900	100050	1.20	8.0	15.0	
2	1.479	6	0.744	0.44	0.435	14.27	19.34	71540	72360	96930	98040	1.40	8.0	17.5	
3	0.659	4	0.497	0.20	0.194	6.42	8.84	70820	73010	97460	100470	1.10	8.0	13.8	
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BEND TEST:

--	No Bend test performed	Note:- Only Three Samples Received and Tested

Note: Please always confirm the results of above report on web www.uet-civil.edu.pk