

Sub Divisional Officer
Buildings Construction Sub Division No. 2, Lahore

Test Performed By: Dr. /Engr. M. Irfan Ul Haq

Client Reference: 2481/2nd
Dated: 05-09-2020
Test: Tension Test
Gauge Length: 8 inch

SOM Lab
Ref: 2931(Page-1/1)
Dated: 09-09-2020
Test Specification: ASTM-A-615
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	1.478	6	0.743	0.44	0.434	13.35	19.37	66940	67860	97080	98420	1.20	8.0	15.0	
2	1.475	6	0.743	0.44	0.433	13.37	19.62	67040	68120	98360	99950	1.00	8.0	12.5	
3	0.654	4	0.494	0.20	0.192	5.96	9.12	65760	68500	100610	104800	1.30	8.0	16.3	
4	0.652	4	0.494	0.20	0.192	5.93	8.89	65420	68150	98020	102110	1.20	8.0	15.0	
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BEND TEST:

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

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

Sub Divisional Officer
Buildings Sub Division No. 21, Lahore

Test Performed By: Dr. /Engr. M. Irfan Ul Haq

Client Reference: 1410

SOM Lab 2932-2933(Page-

Dated: 11-08-2020

Ref: 1/1)

Dated: 09-09-2020

Test: Tension 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	1.556	6	0.763	0.44	0.457	15.60	20.59	78180	75270	103210	99370	1.10	8.0	13.8	
2	1.530	6	0.757	0.44	0.450	14.68	19.98	73580	71940	100150	97920	1.10	8.0	13.8	
3	0.670	4	0.501	0.20	0.197	6.63	8.97	73070	74180	98920	100430	1.30	8.0	16.3	
4	0.675	4	0.502	0.20	0.198	6.73	9.02	74190	74940	99480	100490	1.20	8.0	15.0	
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BEND TEST:

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