

Muhammad Asif

Test Performed By:

Dr. /Engr.

Nauman Khurram

PM Imperium Developers,Lahore.(Const Of Sixty6 At Gulberg-III Lhr)

Client Reference: IMP/PM/66/16/08

Dated: 16-08-2022

SOM Lab Ref: CED/SOM/758(Page-1/1)

Dated: 17-08-2022

Test: Tension Test & Bend Test

Test Specification: ASTM-A 615

Sample Type: MS Deformed Bar

Gauge Length: 200 mm

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)				
	kg/m	mm	mm	mm ²	mm ²	kN	kN	MPa	MPa	MPa	MPa	mm	mm	%	
1	3.886	25	25.11	491	495	242.00	363.50	493	489	741	735	30.0	200	15.0	
2	3.892	25	25.13	491	496	238.20	358.00	485	481	729	723	32.5	200	16.3	
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BEND TEST:

25mm	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

Prof.DR.Engr.Abdulah Yasar

Test Performed By:

Dr. /Engr. Bilal Khokhar

Campus Engineer, GC Uni, Lahore.(Const Of RCC Slab Ground Floor at Zoology Deptt.GCU Lhr)

Client Reference: GCU/Engr/877/W.O

SOM Lab

Ref: 755 (Page-1/1)

Dated: 06-06-2022

Dated: 17-08-2022

Test: Tension Test & Bend 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	2.677	8	1.001	0.79	0.787	24.33	32.24	67930	68190	90010	90360	1.60	8.0	20.0	
2	1.494	6	0.748	0.44	0.439	13.68	18.40	68570	68730	92230	92440	1.60	8.0	20.0	
3	0.665	4	0.498	0.20	0.195	5.96	8.28	65760	67450	91280	93620	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

Sub Divisional Officer,

Test Performed By:

Dr. /Engr. Nauman Khurram

Bldg Sub div No.2 Multan.(Estb Of 200 Beded Mother & Child Hospital At Ghalla Godam Multan)

Client Reference: 1945

SOM Lab

Ref: 756 (Page-1/1)

Dated: 25-05-2022

Dated: 17-08-2022

Test: Tension Test & Bend 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	2.754	8	1.015	0.79	0.809	25.69	35.09	71720	70030	97950	95650	1.30	8.0	16.3	
2	2.752	8	1.015	0.79	0.809	25.56	34.73	71350	69670	96960	94680	1.40	8.0	17.5	
3	1.541	6	0.759	0.44	0.453	13.99	19.16	70100	68090	96060	93300	1.30	8.0	16.3	
4	1.538	6	0.759	0.44	0.452	13.97	19.18	70000	68140	96160	93610	1.30	8.0	16.3	
5	0.685	4	0.506	0.20	0.201	5.98	9.25	65990	65660	101960	101450	1.20	8.0	15.0	
6	0.682	4	0.505	0.20	0.200	5.88	8.87	64860	64860	97800	97800	1.30	8.0	16.3	
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BEND TEST:

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

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

Ilyas Majeed Sheikh

Test Performed By:

Dr. /Engr. Nauman Khurram

Chairman Eagle Developers. (Dream Galleria Lahore) (Project Of City Galleria, City Housing, Grw)

Client Reference: Nil

SOM Lab

Ref: 757 (Page-1/1)

Dated: 17-08-2022

Dated: 17-08-2022

Test: Tension Test & Bend 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	2.661	8	0.998	0.79	0.782	23.11	33.28	64520	65180	92920	93870	1.40	8.0	17.5	
2	1.509	6	0.751	0.44	0.443	15.49	19.88	77670	77140	99640	98960	1.20	8.0	15.0	
3	0.642	4	0.491	0.20	0.189	6.49	8.63	71610	75770	95210	100750	1.00	8.0	12.5	
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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