

Abid Mann
Construction Manager, One Liberty

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

Client Reference: OL/2021/11/01
Dated: 12-11-2021
Test: Tension Test & Bend Test
Gauge Length: 8 inch

SOM Lab
Ref: 5293(Page-1/1)
Dated: 12-11-2021
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	2.792	8	1.022	0.79	0.821	25.25	42.51	70490	67830	118670	114190	1.20	8.0	15.0	
2	2.699	8	1.005	0.79	0.793	23.96	41.15	66880	66630	114890	114450	1.30	8.0	16.3	
3	1.547	6	0.761	0.44	0.455	14.07	24.18	70510	68190	121200	117200	1.10	8.0	13.8	
4	1.579	6	0.769	0.44	0.464	14.48	24.82	72560	68800	124420	117980	1.30	8.0	16.3	
5	0.669	4	0.501	0.20	0.197	6.65	10.21	73290	74410	112630	114350	1.10	8.0	13.8	
6	0.664	4	0.498	0.20	0.195	6.52	10.06	71940	73790	110950	113790	1.20	8.0	15.0	
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Witnessed By: Hamza Rasool (Dr. C.M)

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

Muhammad Shabbir
Construction Manager, Opal Deever Developers Pvt. Ltd. Lahore

Test Performed By: Dr. /Engr.

S. Asad Ali
Gillani

Client Reference: ZD/ZO/L/039

Dated: 12-11-2021

Test: Tension Test & Bend Test

Gauge Length: 8 inch

Test Specification:

Sample Type:

SOM Lab

Ref: 5294(Page-1/1)

Dated: 12-11-2021

ASTM-A-615

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	2.707	8	1.007	0.79	0.796	25.35	37.31	70780	70240	104160	103370	1.30	8.0	16.3	
2	2.644	8	0.995	0.79	0.777	25.48	34.96	71150	72340	97610	99250	1.20	8.0	15.0	
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BEND TEST:

# 8	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

Major Tanveer Ahmad ®
Resident Engineer ACES, Sector-V DHA Multan

Test Performed By: Dr. /Engr. Dr. Asad Ghalani

Client Reference: ACES/DHAM/DEV/CONSPLUS/43
Dated: 11-11-2021
Test: Tension Test & Bend Test
Gauge Length: 8 inch

SOM Lab
Ref: 5295(Page-1/1)
Dated: 12-11-2021
ASTM-A-615 (Mughal Steel)
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	0.655	4	0.494	0.20	0.192	7.08	9.38	78130	81380	103420	107730	1.00	8.0	12.5	
2	0.658	4	0.496	0.20	0.193	6.95	9.14	76660	79450	100830	104490	0.90	8.0	11.3	
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BEND TEST:

# 4	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