

Mudesar Iqbal

Test Performed By:

Dr. /Engr. S. Asad Ali Gillani

Manager QC, Vountry Developers (Pvt) Ltd. 64-E/1, Gulberg III, Lahore

Client Reference: CD-20-Testing/st/ALC-022

SOM Lab Ref: 4813(Page-1/1)

Dated: 12-08-2021

Dated: 16-08-2021

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 <sup>2</sup>	in <sup>2</sup>	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	1.427	6	0.730	0.44	0.419	15.39	19.22	77160	81020	96320	101140	1.10	8.0	13.8	
2	0.655	4	0.494	0.20	0.192	6.01	7.51	66320	69090	82850	86300	1.30	8.0	16.3	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**BEND TEST:**

# 6	Sample bend through 180 degrees Satisfactorily without any crack	<b>Note:-</b>  Only Four Samples Received and Tested
# 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](http://www.uet-civil.edu.pk)

Abid Mann  
Construction Manager, One Liberty, Lahore

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

Client Reference: OL/2021/08/02

SOM Lab Ref: 4814(Page-1/1)

Dated: 16-08-2021

Dated: 16-08-2021

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 <sup>2</sup>	in <sup>2</sup>	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	2.820	8	1.027	0.79	0.829	27.08	41.87	75610	72060	116880	111380	1.30	8.0	16.3	
2	2.819	8	1.027	0.79	0.828	27.32	41.71	76270	72770	116450	111110	1.10	8.0	13.8	
3	1.536	6	0.758	0.44	0.451	13.15	21.78	65910	64310	109190	106530	1.00	8.0	12.5	
4	1.534	6	0.758	0.44	0.451	13.46	22.04	67450	65800	110470	107770	1.10	8.0	13.8	
5	0.678	4	0.503	0.20	0.199	6.17	9.79	68010	68350	107910	108460	1.00	8.0	12.5	
6	0.675	4	0.502	0.20	0.198	6.22	9.84	68570	69260	108480	109570	1.00	8.0	12.5	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

Witnessed By: Abid Mann, Client Purchaser

**BEND TEST:**

# 8	Sample bend through 180 degrees Satisfactorily without any crack	<b>Note:-</b>  Only Nine 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](http://www.uet-civil.edu.pk)