

Furqan - UI-Haq
General Manager, AYQ Developers Pvt. Ltd. Lahore

Test Performed By: Dr. /Engr. Nauman Khurram

Client Reference: Nil

SOM Lab 4170(Page-

Ref: 1/2)

Dated: 07-04-2021

Dated: 07-04-2021

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type: Deformed Bar (Kamran 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	2.629	8	0.992	0.79	0.773	26.52	35.37	74050	75680	98750	100920	1.40	8.0	17.5	
2	2.620	8	0.990	0.79	0.770	26.83	35.58	74900	76850	99320	101900	1.40	8.0	17.5	
3	2.648	8	0.995	0.79	0.778	25.74	35.02	71860	72970	97750	99260	1.50	8.0	18.8	
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BEND TEST:

# 8	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Four Samples Received and Tested

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

Furqan - UI-Haq
General Manager, AYQ Developers Pvt. Ltd. Lahore

Test Performed By: Dr. /Engr. Nauman Khurram

Client Reference: Nil

SOM Lab 4170(Page-

Ref: 1/2)

Dated: 07-04-2021

Dated: 07-04-2021

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type: Deformed Bar (AF 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	1.494	6	0.748	0.44	0.439	14.65	21.12	73430	73590	105870	106110	1.20	8.0	15.0	
2	1.491	6	0.747	0.44	0.438	13.91	20.29	69750	70070	101680	102140	1.10	8.0	13.8	
3	1.484	6	0.745	0.44	0.436	12.69	18.09	63620	64200	90690	91530	1.00	8.0	12.5	
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BEND TEST:

# 6	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Four Samples Received and Tested

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

Engr. Khizar Rehman

Test Performed By:

Dr. /Engr.

Nauman Khurram

Resident Engineer, Grand City Kharian (Asian Consulting Engineers (Pvt) Ltd.)

Client Reference: AsCE/GCK/RE/29

SOM Lab

4172(Page-

Ref:

1/1)

Dated: 06-04-2021

Dated:

06-04-2021

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar(AF 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	1.482	6	0.745	0.44	0.436	13.00	19.95	65150	65750	99990	100910	1.20	8.0	15.0	
2	1.070	5	0.632	0.31	0.314	9.96	14.98	70860	69950	106610	105250	1.00	8.0	12.5	
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BEND TEST:

# 6	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Four Samples Received and Tested
# 5	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