

Anwar Ul Haq
PM IKAN Engineering Services Pvt Ltd.(Const Of Zong MSC Faisalabad)

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

Client Reference: IKAN-FSD-SITE-UET/028

SOM Lab

Ref: 1688 (Page-1/1)

Dated: 26-08-2025

Dated: 26-08-2025

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type: Deformed Bar (Ittehad 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	2.652	8	0.996	0.79	0.779	29.17	36.54	81450	82600	102020	103460	1.30	8.0	16.3	
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Witnessed By: Naeem Yaseen (Supervisor)

BEND TEST:

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

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

Mr Sulman

Test Performed By: Dr. /Engr. Wasim Abbas

ME BH Consultants.(4-Storey Commercial Building Construction J-Block Valancia Society Lahore)

Client Reference: 060

SOM Lab

Ref: 1690 (Page-1/1)

Dated: 26-08-2025

Dated: 26-03-2025

Test: Tension Test & Bend Test

Test Specification: ASTM-A-706

Gauge Length: 8 inch

Sample Type: Def. 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	1.489	6	0.747	0.44	0.438	12.74	18.20	63870	64160	91210	91620	1.30	8.0	16.3	
2	1.490	6	0.747	0.44	0.438	12.64	18.14	63360	63650	90950	91370	1.40	8.0	17.5	
3	0.663	4	0.498	0.20	0.195	6.44	8.79	71040	72870	96900	99380	1.10	8.0	13.8	
4	0.665	4	0.498	0.20	0.195	6.42	8.72	70820	72640	96110	98580	1.30	8.0	16.3	
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BEND TEST:

# 6	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Six 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

Engr M Salman Saqib,RE

Test Performed By: Dr. /Engr. Wasim Abbas

ARY Laguna DHA Guj.(ARY Laguna Gateway & Pedestrian Crossover/Linear Park DHA Gujranwala)

Client Reference: ARY(Gujr)/IS/Eng/RE/046/25

SOM Lab

Ref: 1691 (Page-1/1)

Dated: 25-08-2025

Dated: 26-08-2025

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	2.673	8	1.000	0.79	0.786	24.01	32.64	67020	67360	91120	91590	1.50	8.0	18.8	
2	2.656	8	0.997	0.79	0.781	23.70	32.64	66170	66930	91120	92170	1.40	8.0	17.5	
3	1.481	6	0.744	0.44	0.435	13.32	19.13	66780	67550	95910	97010	1.40	8.0	17.5	
4	1.481	6	0.744	0.44	0.435	13.81	19.69	69240	70030	98720	99850	1.30	8.0	16.3	
5	0.672	4	0.501	0.20	0.197	6.70	8.77	73850	74980	96670	98140	1.20	8.0	15.0	
6	0.662	4	0.498	0.20	0.195	6.80	9.09	74980	76900	100270	102840	1.10	8.0	13.8	
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BEND TEST:

# 8	Sample bend through 180 degrees Satisfactorily without any crack	Note:- 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

Fayyaz Ahmad, RE

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

Nespak Fsd.(Const Of Underground Water Tank Overhead Water tank and Allied Works)

Client Reference: 4707/11/FA/01/FSD/34

SOM Lab

Ref: 1692 (Page-1/1)

Dated: 15-08-2025

Dated: 26-08-2025

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type: Deformed Bar (Farooq Supreme)

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	2.659	8	0.997	0.79	0.781	21.07	34.71	58830	59500	96900	98020	1.30	8.0	16.3	
2	2.666	8	0.998	0.79	0.783	20.63	35.12	57600	58120	98040	98920	1.40	8.0	17.5	
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Witnessed By: Fayyaz Ahmed (RE),M.Abdul Sattar (M.E,NESPAK), Muhammad Asghar (G.M Ahmad)

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