

Client Reference: Nil

Dated: 29-07-2025

Test: Tension Test

Gauge Length: 8 inch

Test Specification:

Sample Type:

SOM Lab

Ref: 1579 (Page-1/1)

Dated: 29-07-2025

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	2.622	8	0.991	0.79	0.771	23.87	35.42	66650	68290	98890	101330	1.90	8.0	23.8	
2	2.639	8	0.994	0.79	0.776	23.77	35.47	66370	67560	99030	100820	1.80	8.0	22.5	
3	1.498	6	0.748	0.44	0.440	13.63	19.80	68320	68320	99230	99230	1.70	8.0	21.3	
4	1.494	6	0.748	0.44	0.439	13.53	19.78	67810	67960	99130	99350	1.80	8.0	22.5	
5	0.668	4	0.500	0.20	0.196	6.17	8.94	68010	69400	98580	100600	1.40	8.0	17.5	
6	0.664	4	0.498	0.20	0.195	6.09	8.89	67110	68830	98020	100530	1.40	8.0	17.5	
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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

Khalid Bashir

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

Ittefaq Building Solution Pvt Ltd.(Civil Work of PM-6, 7 Conveyer Gallery at F.H Zone-2,3 Bullehshah,Kasur)

Client Reference: IBS/CGB/ST001

SOM Lab

Ref: 1580 (Page-1/1)

Dated: 29-07-2025

Dated: 29-07-2025

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	2.620	8	0.990	0.79	0.770	26.40	34.35	73710	75620	95900	98400	1.60	8.0	20.0	
2	1.467	6	0.741	0.44	0.431	14.17	18.86	71020	72510	94530	96500	1.70	8.0	21.3	
3	0.652	4	0.494	0.20	0.192	6.37	8.26	70260	73190	91050	94850	1.20	8.0	15.0	
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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

Mohsin Abbas

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

QAQC Manager Zameen Development.(Const. Of ARX Project by Zameen Development,Lahore)

Client Reference: ZD/QAQC/MS-DC13916/ARX/10

SOM Lab

Ref: 1581 (Page-1/1)

Dated: 29-07-2025

Dated: 29-07-2025

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type: Def. Bar (Heat # H-3110)

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	6.63	8.58	73070	76110	94650	98590	1.40	8.0	17.5	
2	0.655	4	0.494	0.20	0.192	6.52	8.58	71940	74940	94650	98590	1.30	8.0	16.3	
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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

Resident Engineer

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

Metroplan-Asian JV, Lahore.(Re-Const Of Old P&D Building-Tower A)

Client Reference: MetroplanAsian-JV/(Old P&D)/Tower-A/RE-07

SOM Lab

Ref:

1583 (Page-1/1)

Dated: 28-07-2025

Dated:

29-07-2025

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (SJ 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	2.649	8	0.995	0.79	0.778	25.38	34.63	70860	71960	96670	98160	1.50	8.0	18.8	
2	2.653	8	0.997	0.79	0.780	25.35	34.48	70780	71680	96250	97480	1.60	8.0	20.0	
3	1.521	6	0.754	0.44	0.447	14.65	19.16	73430	72280	96060	94560	1.40	8.0	17.5	
4	1.518	6	0.754	0.44	0.446	15.01	19.11	75210	74200	95800	94520	1.40	8.0	17.5	
5	0.664	4	0.498	0.20	0.195	6.52	9.02	71940	73790	99480	102030	1.20	8.0	15.0	
6	0.664	4	0.498	0.20	0.195	6.49	9.02	71610	73440	99480	102030	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

Resident Engineer

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

Metroplan-Asian JV, Lahore.(Re-Const Of Old P&D Building-Tower A)

Client Reference: MetroplanAsian-JV/(Old P&D)/Tower-A/RE-06

SOM Lab

Ref:

1584 (Page-1/2)

Dated: 28-07-2025

Dated:

29-07-2025

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (Aziz 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	2.651	8	0.996	0.79	0.779	23.26	37.38	64940	65860	104360	105830	1.40	8.0	17.5	
2	2.675	8	1.000	0.79	0.786	22.14	36.26	61810	62130	101230	101740	1.40	8.0	17.5	
3	1.496	6	0.748	0.44	0.440	12.86	20.59	64480	64480	103210	103210	1.40	8.0	17.5	
4	1.507	6	0.751	0.44	0.443	12.69	20.44	63620	63180	102450	101750	1.40	8.0	17.5	
5	0.666	4	0.500	0.20	0.196	6.17	9.58	68010	69400	105670	107820	1.20	8.0	15.0	
6	0.664	4	0.498	0.20	0.195	6.01	9.50	66320	68020	104770	107450	1.20	8.0	15.0	
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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

Resident Engineer

Test Performed By:

Dr. /Engr. Asad Ali Gillani

Metroplan-Asian JV, Lahore.(Re-Const Of Old P&D Building-Tower A)

Client Reference: MetroplanAsian-JV/(Old P&D)/Tower-A/RE-08

SOM Lab

Ref: 1584 (Page-2/2)

Dated: 29-07-2025

Dated: 29-07-2025

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (Aziz 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	2.703	8	1.005	0.79	0.794	22.22	36.26	62040	61730	101230	100720	1.10	8.0	13.8	
2	2.659	8	0.997	0.79	0.781	22.22	36.26	62040	62760	101230	102390	1.20	8.0	15.0	
3	1.501	6	0.749	0.44	0.441	13.97	20.64	70000	69840	103470	103230	1.20	8.0	15.0	
4	1.491	6	0.747	0.44	0.438	12.95	20.64	64890	65190	103470	103940	1.20	8.0	15.0	
5	0.661	4	0.497	0.20	0.194	6.88	9.55	75880	78220	105330	108590	1.40	8.0	17.5	
6	0.659	4	0.497	0.20	0.194	6.07	9.45	66890	68950	104200	107430	1.20	8.0	15.0	
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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