

Ravians Constructions Services.

Test Performed By:

Dr. /Engr.

Irfan Ul Hassan

Sr.Project Manager Lhr.(Const Of Fantasy Plaza, Dream Garden,Lahore)

Client Reference: Nil

Dated: 24-11-2022

SOM Lab Ref: CED/SOM/1302(Page-1/1)

Dated: 24-11-2022

Test: Tension Test & Bend Test

Test Specification: ASTM-A 615

Sample Type: Deformed Bar

Gauge Length: 200 mm

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)				
	kg/m	mm	mm	mm ²	mm ²	kN	kN	MPa	MPa	MPa	MPa	mm	mm	%	
1	0.879	12	11.94	113	112	49.20	71.00	435	440	628	634	40.0	200	20.0	
2	0.864	12	11.84	113	110	49.80	72.50	440	453	641	659	40.0	200	20.0	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Witnessed By: M Usman Saleem

BEND TEST:

12mm	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

Khalid M. Noon
211-C Phase 8 DHA Lahore.

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

Client Reference: 211C/DHA 01
Dated: 23-11-2022
Test: Tension Test & Bend Test
Gauge Length: 8 inch

SOM Lab
Ref: 1301(Page-1/1)
Dated: 24-11-2022
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	1.496	6	0.748	0.44	0.440	15.77	20.03	79050	79050	100400	100400	1.30	8.0	16.3	
2	0.674	4	0.502	0.20	0.198	8.07	9.84	89030	89930	108480	109570	1.20	8.0	15.0	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

BEND TEST:

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

Habib Jilani Vance,PD

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

Divisional Public School & College,Sahiwal.(Const Of Front Side B/Wall at DPS Ravi Campus)

Client Reference: (45)/Estb-6038

SOM Lab

Ref: 1303 (Page-1/1)

Dated: 01-11-2022

Dated: 24-11-2022

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	0.663	4	0.498	0.20	0.195	7.16	8.56	78910	80940	94420	96850	1.20	8.0	15.0	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

BEND TEST:

# 4	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

Engr. Mustafa Ali

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

Sr. MC Dream Builders.(Const.Of Apartments Building At 32-P Model Town Ext,Lahore)

Client Reference: DB/CONST-32P/22/1124

SOM Lab

Ref: 1304 (Page-1/1)

Dated: 24-11-2022

Dated: 24-11-2022

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	2.633	8	0.993	0.79	0.774	28.75	36.34	80250	81910	101450	103550	1.10	8.0	13.8	
2	2.632	8	0.992	0.79	0.773	29.23	36.70	81590	83390	102450	104700	1.10	8.0	13.8	
3	1.460	6	0.739	0.44	0.429	16.82	20.39	84310	86470	102190	104810	1.20	8.0	15.0	
4	1.473	6	0.743	0.44	0.433	16.41	20.39	82260	83590	102190	103840	1.00	8.0	12.5	
5	0.674	4	0.502	0.20	0.198	5.35	7.87	59020	59610	86780	87660	1.10	8.0	13.8	
6	0.674	4	0.502	0.20	0.198	5.35	7.92	59020	59610	87340	88230	1.10	8.0	13.8	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

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

Asif Pervaiz Butt
RE Ritz Developers Pvt. Ltd.Lahore

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

Client Reference: Nil

SOM Lab

Ref: 1305 (Page-1/1)

Dated: 24-11-2022

Dated: 24-11-2022

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (Moiz 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	1.497	6	0.748	0.44	0.440	14.58	19.54	73070	73070	97950	97950	1.70	8.0	21.3	
2	1.510	6	0.752	0.44	0.444	14.68	19.62	73580	72920	98360	97470	1.50	8.0	18.8	
3	1.503	6	0.750	0.44	0.442	13.93	19.29	69850	69530	96670	96240	1.50	8.0	18.8	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

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.Muhammad Zahid Abbas

Test Performed By:

Dr. /Engr. Asad Ali Gillani

CM Zameen Quadrangle.(Const. Of Zameen Quadrangle at Plot No.49,Gulberg-V Lahore)

Client Reference: ZD/ZQ/GSW/037

SOM Lab

Ref: 1306 (Page-1/1)

Dated: 21-11-2022

Dated: 24-11-2022

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	2.695	8	1.004	0.79	0.792	25.37	34.25	70830	70660	95620	95380	1.70	8.0	21.3	
2	2.664	8	0.998	0.79	0.783	24.36	33.49	68020	68620	93490	94320	1.60	8.0	20.0	
3	1.541	6	0.759	0.44	0.453	14.42	20.25	72300	70230	101530	98610	1.50	8.0	18.8	
4	1.500	6	0.749	0.44	0.441	14.53	19.62	72810	72650	98360	98140	1.30	8.0	16.3	
5	0.666	4	0.500	0.20	0.196	7.08	9.33	78130	79720	102860	104950	1.20	8.0	15.0	
6	0.672	4	0.501	0.20	0.197	6.44	8.69	71040	72130	95770	97230	1.30	8.0	16.3	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

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

Engr. Mian Mubashar Rafiq

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

PM Union Developers Lhr.(const. Of Union Luxury Apartments,Etihad Town Lahore.)

Client Reference: UA/SO/2022/033

SOM Lab

Ref:

1307 (Page-1/1)

Dated: 23-11-2022

Dated:

24-11-2022

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (Afco 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	2.570	8	0.980	0.79	0.755	25.56	33.05	71350	74650	92260	96540	1.40	8.0	17.5	
2	2.553	8	0.977	0.79	0.750	25.05	32.90	69920	73650	91840	96730	1.30	8.0	16.3	
3	1.520	6	0.754	0.44	0.447	18.27	21.94	91560	90130	109960	108240	1.00	8.0	12.5	
4	1.516	6	0.754	0.44	0.446	18.17	22.04	91050	89830	110470	108980	1.10	8.0	13.8	
5	0.673	4	0.502	0.20	0.198	7.03	8.56	77560	78350	94420	95380	1.00	8.0	12.5	
6	0.673	4	0.502	0.20	0.198	7.16	8.72	78910	79710	96110	97080	1.00	8.0	12.5	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

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