Sohaib Ashraf **Test Performed By:** **Dr. /Engr.** Amina Rajpoot

PM United LifeStyle Pvt. Ltd.(Constructing a High rise Building" Skyscraper By United" Lahore)

Client Reference: ULS/2021-22/004 **SOM Lab Ref:** 5828 (Page-1/1)

Dated: 08-02-2022 **Dated:** 08-02-2022

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	2.727	8	1.010	0.79	0.801	27.22	35.44	75980	74940	98950	97590	1.60	8.0	20.0	
2	2.697	8	1.005	0.79	0.793	25.38	34.48	70860	70590	96250	95880	1.60	8.0	20.0	
3	1.485	6	0.745	0.44	0.436	13.76	19.08	68980	69610	95650	96530	1.30	8.0	16.3	
4	1.524	6	0.755	0.44	0.448	13.86	19.62	69490	68250	98360	96600	1.20	8.0	15.0	
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BEND TEST:

# 8	Sample bend through 180 degrees Satisfactorily without any crack
# 6	Sample bend through 180 degrees Satisfactorily without any crack

Note:-

Only Six Samples Received and Tested

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

Israr Ullah Khan **Test Performed By:** **Dr. /Engr.** S.Asad Ali Gillani

RE Nespak.(Const. of underpass Across Bedian Rd. Connecting Ph-VI with Ph-IX,DHA LHR)

Client Reference: 3790/102/IUK/UET/01/40 **SOM Lab Ref:** 5827 (Page-1/1)

Dated: 07-02-2022 **Dated:** 08-02-2022

Test: Tension Test & Bend Test **Test Specification:** ASTM-A-615

Gauge Length: 8 inch **Sample Type:** Deformed Bar (Mughal 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	1.037	5	0.623	0.31	0.305	11.54	13.68	82100	83440	97330	98920	1.20	8.0	15.0	
2	1.051	5	0.627	0.31	0.309	11.42	13.68	81230	81490	97330	97640	1.20	8.0	15.0	
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BEND TEST:

# 5	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

Nasir Nadeem **Test Performed By:** **Dr. /Engr.** Asad Ali Gillani

Head Of Department, Deign & Const. Deptt-HO City School.(Bahria Campus Lahore Ph-II)

Client Reference: ICS/D&C/HO/001/2022 **SOM Lab Ref:** 5829 (Page-1/1)

Dated: 03-02-2022 **Dated:** 08-02-2022

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	2.664	8	0.998	0.79	0.783	30.14	37.82	84150	84900	105580	106520	1.00	8.0	12.5	
2	2.654	8	0.997	0.79	0.780	33.94	39.83	94770	95980	111190	112610	1.10	8.0	13.8	
3	1.461	6	0.739	0.44	0.429	16.43	20.03	82370	84480	100400	102980	1.10	8.0	13.8	
4	1.504	6	0.750	0.44	0.442	16.51	20.61	82780	82400	103310	102850	1.00	8.0	12.5	
5	0.687	4	0.507	0.20	0.202	6.14	9.19	67670	67000	101390	100390	1.30	8.0	16.3	
6	0.672	4	0.501	0.20	0.197	6.14	8.94	67670	68700	98580	100080	1.30	8.0	16.3	
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BEND TEST:

# 8	Sample bend through 180 degrees Satisfactorily without any crack
# 6	Sample bend through 180 degrees Satisfactorily without any crack
# 4	Sample bend through 180 degrees Satisfactorily without any crack

Note:-

Only Nine Samples Received and Tested

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

Mehmood Iqbal Cheema **Test Performed By:** **Dr. /Engr.** Mazhar Saleem

RE ECSP (Pvt)Ltd.Lahore.(Infra Dev And Const. Of Affordable Housing Unit At Moza Rakh Paji)

Client Reference: ECSP/Re/LH/25 **SOM Lab Ref:** 5830 (Page-1/1)

Dated: 07-02-2022 **Dated:** 08-02-2022

Test: Tension Test & Bend Test **Test Specification:** ASTM-A-615

Gauge Length: 8 inch **Sample Type:** Deformed Bar (Mughal 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	2.698	8	1.005	0.79	0.793	26.71	34.68	74560	74280	96820	96450	1.60	8.0	20.0	
2	1.465	6	0.741	0.44	0.431	15.09	18.45	75620	77200	92480	94410	1.20	8.0	15.0	
3	1.069	5	0.632	0.31	0.314	12.18	14.80	86670	85560	105300	103960	1.20	8.0	15.0	
4	0.665	4	0.498	0.20	0.195	7.19	8.92	79250	81280	98360	100880	1.10	8.0	13.8	
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BEND TEST:

# 8	Sample bend through 180 degrees Satisfactorily without any crack
# 6	Sample bend through 180 degrees Satisfactorily without any crack
# 5	Sample bend through 180 degrees Satisfactorily without any crack
# 4	Sample bend through 180 degrees Satisfactorily without any crack

Note:-

Only Eight Samples Received and Tested

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

Engr. Shahid Hussain **Test Performed By:** **Dr. /Engr.** Asad Ali Gillani

PD GC Uni Fsd(Const.Of 6-Nos 10M Emp. Residences Category "HB" At New Campus GCU Fsd)

Client Reference: GCUF/EC/3899 **SOM Lab Ref:** 5831 (Page-1/1)

Dated: 27-01-2022 **Dated:** 08-02-2022

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	1.528	6	0.756	0.44	0.449	16.33	21.36	81860	80220	107040	104900	1.20	8.0	15.0	
2	1.531	6	0.757	0.44	0.450	16.21	21.22	81240	79440	106380	104020	1.10	8.0	13.8	
3	0.594	4	0.472	0.20	0.175	6.22	7.56	68570	78370	83410	95320	1.00	8.0	12.5	
4	0.600	4	0.473	0.20	0.176	6.22	7.67	68570	77920	84530	96060	1.10	8.0	13.8	
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BEND TEST:

# 6	Sample bend through 180 degrees Satisfactorily without any crack
# 4	Sample bend through 180 degrees Satisfactorily without any crack

Note:-

Only Six Samples Received and Tested

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

Engr. Shahid Hussain **Test Performed By:** **Dr. /Engr.** Asad Ali Gillani

PD GC Uni Fsd(Const.Of 12-Nos 03 Beds Apart. Category "C" At New Campus Govt College Uni Fsd)

Client Reference: GCUF/EC/3890 **SOM Lab Ref:** 5832 (Page-1/1)

Dated: 24-01-2022 **Dated:** 08-02-2022

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	1.476	6	0.743	0.44	0.434	13.63	19.44	68320	69260	97440	98790	1.50	8.0	18.8	
2	1.539	6	0.759	0.44	0.452	13.68	20.41	68570	66750	102290	99580	1.70	8.0	21.3	
3	0.660	4	0.497	0.20	0.194	6.32	9.03	69700	71850	99600	102680	1.30	8.0	16.3	
4	0.663	4	0.498	0.20	0.195	7.65	9.48	84310	86470	104540	107220	1.10	8.0	13.8	
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BEND TEST:

# 6	Sample bend through 180 degrees Satisfactorily without any crack
# 4	Sample bend through 180 degrees Satisfactorily without any crack

Note:-

Only Six Samples Received and Tested

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

Major Nadeem Ur Rehman ® **Test Performed By:** **Dr. /Engr.** Bilal

RE ACES (pvt.) Ltd. Sector-I DHA Multan.(T.S Builders (pvt.) Ltd.)

Client Reference: RE /T.S Builders/Test /01 **SOM Lab Ref:** 5833 (Page-1/1)

Dated: 31-01-2022 **Dated:** 08-02-2022

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	2.690	8	1.004	0.79	0.791	27.08	34.48	75610	75520	96250	96120	1.40	8.0	17.5	
2	2.685	8	1.002	0.79	0.789	27.12	34.48	75700	75800	96250	96370	1.30	8.0	16.3	
3	1.506	6	0.751	0.44	0.443	15.11	19.39	75720	75210	97180	96530	1.40	8.0	17.5	
4	1.506	6	0.751	0.44	0.443	15.06	19.27	75470	74960	96570	95920	1.30	8.0	16.3	
5	0.672	4	0.501	0.20	0.197	6.90	8.36	76100	77260	92180	93580	1.00	8.0	12.5	
6	0.680	4	0.505	0.20	0.200	7.08	8.66	78130	78130	95550	95550	1.00	8.0	12.5	
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BEND TEST:

# 8	Sample bend through 180 degrees Satisfactorily without any crack
# 6	Sample bend through 180 degrees Satisfactorily without any crack
# 4	Sample bend through 180 degrees Satisfactorily without any crack

Note:-

Only Nine Samples Received and Tested

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

Assistant Project Director, **Test Performed By:** **Dr. /Engr.** Asad Ali Gillani
PMU-SBP Lahore.(Completion Of International Tennis Arena Lahore.(GS#552))

Client Reference: ADP/PMU/SBP/LHR/22/224 **SOM Lab Ref:** 5834 (Page-1/1)
Dated: 31-01-2022 **Dated:** 08-02-2022

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	1.525	6	0.755	0.44	0.448	16.18	20.08	81090	79640	100660	98860	1.60	8.0	20.0	
2	0.665	4	0.498	0.20	0.195	7.24	8.97	79810	81860	98920	101460	1.20	8.0	15.0	
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BEND TEST:

# 6	Sample bend through 180 degrees Satisfactorily without any crack
# 4	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

Syed Mohsin Ali **Test Performed By:** **Dr. /Engr.** Mazhar Saleem

RE QA/QC Department,Bahria Town Lhr.(Boundary Wall At Nishtar Block Sec"E" Bahria Town Lhr)

Client Reference: QA/QC-Steel-2473 **SOM Lab Ref:** 5835 (Page-1/1)

Dated: 31-01-2022 **Dated:** 08-02-2022

Test: Tension Test & Bend Test **Test Specification:** ASTM-A-615

Gauge Length: 8 inch **Sample Type:** Deformed Bar (FF 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	0.599	4	0.473	0.20	0.176	5.35	7.34	59020	67060	80940	91970	1.00	8.0	12.5	
2	0.602	4	0.475	0.20	0.177	5.61	7.49	61830	69860	82620	93360	1.00	8.0	12.5	
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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

Khalid Akhtar **Test Performed By:** **Dr. /Engr.** Irfan Ul Hasan

SA-RA Group,(ADB-201-2018(Lot 1)220Kv Double Circuit Transmission Line From D.I Khan To Zhob)

Client Reference: MIG/2022/239 **SOM Lab Ref:** 5836 (Page-1/1)

Dated: 08-02-2022 **Dated:** 08-02-2022

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	2.626	8	0.991	0.79	0.772	24.92	34.91	69580	71200	97470	99740	1.50	8.0	18.8	
2	2.620	8	0.990	0.79	0.770	24.72	34.61	69010	70810	96620	99130	1.50	8.0	18.8	
3	2.623	8	0.991	0.79	0.771	24.77	34.86	69160	70860	97330	99730	1.40	8.0	17.5	
4	1.486	6	0.746	0.44	0.437	15.70	20.39	78690	79230	102190	102890	1.30	8.0	16.3	
5	1.492	6	0.747	0.44	0.438	14.34	19.37	71890	72220	97080	97520	1.30	8.0	16.3	
6	1.498	6	0.748	0.44	0.440	14.58	19.59	73070	73070	98210	98210	1.30	8.0	16.3	
7	0.656	4	0.496	0.20	0.193	6.01	8.46	66320	68730	93300	96680	1.20	8.0	15.0	
8	0.676	4	0.503	0.20	0.199	6.07	8.63	66890	67220	95210	95690	1.30	8.0	16.3	
9	0.680	4	0.505	0.20	0.200	6.07	8.74	66890	66890	96340	96340	1.20	8.0	15.0	
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Witnessed By: Sohaib Ali(Sub Engr.Nespak)

BEND TEST:

sr.#(1-3)	Sample bend through 180 degrees Satisfactorily without any crack
sr.#(4-6)	Sample bend through 180 degrees Satisfactorily without any crack
sr.#(7-9)	Sample bend through 180 degrees Satisfactorily without any crack

Note:-

Only Eighteen Samples Received and Tested

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

Mr. Farooq Akhtar **Test Performed By:** **Dr. /Engr.** Mazhar Saleem

PM Elite Engg. DHA Total Parco Lahore.(Total Parco Filling Station DHA Ph-III Sec-X Lahore)

Client Reference: Nil **SOM Lab Ref:** 5837 (Page-1/1)

Dated: 08-02-2022 **Dated:** 08-02-2022

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	1.478	6	0.743	0.44	0.434	12.80	18.62	64180	65060	93350	94640	1.30	8.0	16.3	
2	1.468	6	0.741	0.44	0.431	13.25	18.25	66430	67810	91460	93370	1.50	8.0	18.8	
3	0.686	4	0.507	0.20	0.202	6.32	8.74	69700	69010	96340	95380	1.20	8.0	15.0	
4	0.671	4	0.501	0.20	0.197	6.27	8.56	69130	70190	94420	95860	1.10	8.0	13.8	
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-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
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BEND TEST:

# 6	Sample bend through 180 degrees Satisfactorily without any crack
# 4	Sample bend through 180 degrees Satisfactorily without any crack

Note:-

Only Six Samples Received and Tested

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

Ehsan-Ullah-Saad **Test Performed By:** **Dr. /Engr.** Asad Ali Gillani

PM Zaheer Associate.(Swimming Pool K-Block Al-Reman Garden Ph-II Lahore)

Client Reference: Z.A/A.R/28-22 **SOM Lab Ref:** 5838 (Page-1/1)

Dated: 08-02-2022 **Dated:** 08-02-2022

Test: Tension Test & Bend Test **Test Specification:** ASTM-A-615

Gauge Length: 8 inch **Sample Type:** Deformed Bar (Mughal 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	0.662	4	0.498	0.20	0.195	7.16	9.50	78910	80940	104770	107450	1.00	8.0	12.5	
2	0.665	4	0.498	0.20	0.195	7.24	9.60	79810	81860	105890	108610	1.10	8.0	13.8	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
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-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
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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