Muhammad Imran **Test Performed By:** **Dr. /Engr.** Asad Ali Gillani

Manager Procurement Everfresh Form (Pvt) Ltd. Lahore

Client Reference: Nil **Dated:** 17-01-2025

SOM Lab Ref: CED/SOM/598 (Page-1/2) **Dated:** 17-01-2025

Test: Tension Test **Test Specification:** ASTM-F 1554

Sample Type: Anchor Bolt **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	3.913	25	25.18	491	498	181.00	239.00	369	364	487	480	37.5	200	18.8	
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BEND TEST:

--	No Bend test performed

Note:-

Only One Sample Received and Tested

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

Farhad Ali Khan **Test Performed By:** **Dr. /Engr.** Asad Ali Gillani

Sr.Engr (C) WASO PAEC.Chashma.(Const Of Mock-Up Hall Near Chashma)

Client Reference: WASO-CMD-LOI-029/2024/1798 **SOM Lab Ref:** 596 (Page-1/1)

Dated: 15-01-2025 **Dated:** 17-01-2025

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	2.660	8	0.998	0.79	0.782	26.76	35.37	74700	75470	98750	99760	1.40	8.0	17.5	571
2	2.649	8	0.995	0.79	0.778	26.71	35.47	74560	75710	99030	100560	1.40	8.0	17.5	571
3	1.481	6	0.744	0.44	0.435	13.12	18.88	65760	66520	94630	95720	1.40	8.0	17.5	732
4	1.473	6	0.743	0.44	0.433	13.05	18.86	65400	66460	94530	96060	1.60	8.0	20.0	732
5	0.665	4	0.498	0.20	0.195	6.19	8.82	68230	69980	97230	99730	1.30	8.0	16.3	704
6	0.671	4	0.501	0.20	0.197	5.86	8.82	64640	65620	97230	98720	1.30	8.0	16.3	704
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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

Aqeel Aslam, MP **Test Performed By:** **Dr. /Engr.** Asad Ali Gillani

Fatima Memorial Hospital Lahore.(Const Of New Building at FMH Lahore)

Client Reference: FMH/RAF/STE/37 **SOM Lab Ref:** 597 (Page-1/1)

Dated: 01-06-2025 **Dated:** 17-01-2025

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	1.475	6	0.743	0.44	0.433	15.29	18.93	76640	77880	94880	96420	1.20	8.0	15.0	
2	1.479	6	0.744	0.44	0.435	14.98	18.93	75110	75970	94880	95980	1.30	8.0	16.3	
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Witnessed By: Ashar Afrooz Asghar (Const. Manager FMH Tower Site), Aqib Hussain (Supervisor FMH)

BEND TEST:

# 6	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

Safdar S.Shabbir **Test Performed By:** **Dr. /Engr.** Asad Ali Gillani

Dir Finance QSA Surgical (Pvt) Ltd.(New Building for QSA Surgical Factory Sialkot)

Client Reference: Nil **SOM Lab Ref:** 599 (Page-1/1)

Dated: 17-01-2025 **Dated:** 17-01-2025

Test: Tension 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	2.619	8	0.990	0.79	0.770	25.43	33.89	71000	72850	94620	97080	1.50	8.0	18.8	
2	2.611	8	0.988	0.79	0.767	27.12	34.68	75700	77970	96820	99720	1.50	8.0	18.8	
3	1.476	6	0.743	0.44	0.434	14.32	18.67	71790	72780	93610	94900	1.30	8.0	16.3	
4	1.475	6	0.743	0.44	0.433	14.90	18.67	74700	75910	93610	95120	1.40	8.0	17.5	
5	0.665	4	0.498	0.20	0.195	7.03	8.74	77560	79550	96340	98810	1.20	8.0	15.0	
6	0.665	4	0.498	0.20	0.195	7.03	8.74	77560	79550	96340	98810	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
# 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

Imran iftikhar, ARE **Test Performed By:** **Dr. /Engr.** Asad Ali Gillani

Enviro Consult Fsd.(Strom Water Drainage and Temporary Storage System For Sore Point in Fsd)

Client Reference: 340/WASA-FSD/2024/59 **SOM Lab Ref:** 600 (Page-1/1)

Dated: 13-01-2025 **Dated:** 17-01-2025

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

Gauge Length: 8 inch **Sample Type:** Deformed Bar (Kisan 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	1.461	6	0.739	0.44	0.429	14.24	19.37	71380	73210	97080	99570	1.20	8.0	15.0	
2	1.466	6	0.741	0.44	0.431	13.97	19.11	70000	71460	95800	97800	1.40	8.0	17.5	
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BEND TEST:

# 6	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

Waqas Ahmed Ghumman **Test Performed By:** **Dr. /Engr.** Asad Ali Gillani

PM High Q Constructions Lahore.(Const Of High-Q Tower at CBD,Lahore)

Client Reference: QC/HQ-CBD/CIVIL/005 **SOM Lab Ref:** 601 (Page-1/1)

Dated: 17-01-2025 **Dated:** 17-01-2025

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	2.679	8	1.001	0.79	0.787	28.87	38.76	80590	80900	108200	108610	1.20	8.0	15.0	
2	2.674	8	1.000	0.79	0.786	28.85	38.28	80540	80950	106860	107400	1.10	8.0	13.8	
3	1.489	6	0.747	0.44	0.438	15.57	20.49	78020	78380	102700	103170	1.10	8.0	13.8	
4	1.473	6	0.743	0.44	0.433	14.80	20.03	74190	75390	100400	102030	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