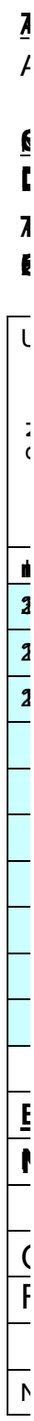

Tested Performed By:

Lead Civil Project Technical Servies Deptt. Fatima Fert.(Married Officer Quarter at FFT)

Dated: 31-2025

(Page-1/1)

Test Specification: Test

(Length: Steel)

1	3.899	25	25.16	491	497	243.50	314.70	496	490	641	634	37.5	200	18.8	
2	3.890	25	25.12	491	496	239.70	312.50	488	484	637	631	37.5	200	18.8	
3	2.224	20	18.99	314	283	144.20	186.70	459	510	594	660	35.0	200	17.5	
4	2.194	20	18.86	314	279	143.70	185.20	457	515	590	663	32.5	200	16.3	
5	0.972	12	12.56	113	124	52.70	71.50	466	426	632	578	30.0	200	15.0	
6	0.980	12	12.61	113	125	53.50	72.20	473	429	638	579	30.0	200	15.0	
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BEND TEST:

25mm	Sample bend through 180 degrees Satisfactorily without any crack
20mm	Sample bend through 180 degrees Satisfactorily without any crack
12mm	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

Muhammad Asif Bajwa, RE **Test Performed By:** **Dr. /Engr.** Asad Ali Gillani

NESPAK Nankana Sahib.(Restoration/Impro of Sangla Hill Marh Balochan To Khanqah Dogran Rd)

Client Reference: 3811/103/RRPNS/AB/352 **SOM Lab Ref:** 706 (Page-1/1)

Dated: 30-01-2025 **Dated:** 04-02-2025

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	1.221	6	0.676	0.44	0.359	9.81	15.06	49160	60250	75470	92500	1.00	8.0	12.5	
2	0.665	4	0.498	0.20	0.195	5.78	8.33	63740	65370	91840	94190	1.30	8.0	16.3	
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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

Farrukh Nadeem, PM **Test Performed By:** **Dr. /Engr.** Asad Ali Gillani

Innovative ® Construction Company Lahore.(Project: Shoring Works at Kingdom area,RUDA Lahore)

Client Reference: ICL/KA/PW/0204/01

Dated: 04-02-2025

SOM Lab Ref: 709(Page-1/1)

Dated: 04-02-2025

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

Gauge Length: 8 inch **Sample Type:** Deformed Bar (Hunza Steel)

S. No.	Weight	Dia.	Area	Yield	Ultimate	Yield Stress	Ult. Stress	Elong	Gauge	%age	Remarks

		Nominal	Calculated	Nominal	Calculated	Load	Load	(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	0.590	4	0.469	0.20	0.173	5.50	7.75	60700	70180	85430	98770	1.40	8.0	17.5	
2	0.589	4	0.469	0.20	0.173	5.50	7.77	60700	70180	85660	99020	1.30	8.0	16.3	
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BEND TEST:

--	No Bend test performed

Note:-

Only Two Samples Received and Tested

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

Muhammad Saleem,G.M
Professional Const.Services Lahore.(TCF Primary School Taunsa Sharif DG Khan)

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

Client Reference: PCS/25/Eng-15-B
Dated: 04-02-2025

SOM Lab Ref: 710 (Page-1/3)
Dated: 04-02-2025

Test: Tension Test & Bend Test
Gauge Length: 8 inch

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	0.668	4	0.500	0.20	0.196	6.75	8.26	74420	75940	91050	92910	1.20	8.0	15.0	
2	0.668	4	0.500	0.20	0.196	6.98	8.28	77000	78570	91280	93140	1.10	8.0	13.8	
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BEND TEST:

--	No Bend test performed

Note:-

Only Two Samples Received and Tested

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

Muhammad Saleem,G.M
Professional Const.Services Lahore.(TCF Primary School Taunsa Sharif DG Khan)

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

Client Reference: PCS/25/Eng-15-C
Dated: 04-02-2025

SOM Lab Ref: 710 (Page-2/3)
Dated: 04-02-2025

Test: Tension Test & Bend Test
Gauge Length: 8 inch

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	1.497	6	0.748	0.44	0.440	16.00	19.62	80220	80220	98360	98360	1.20	8.0	15.0	
2	1.505	6	0.750	0.44	0.442	16.11	19.72	80730	80370	98870	98420	1.40	8.0	17.5	
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BEND TEST:

--	No Bend test performed

Note:-

Only Two Samples Received and Tested

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

Muhammad Saleem,G.M **Test Performed By:** **Dr. /Engr.** Asad Ali Gillani
Professional Const.Services Lahore.(TCF Primary School Taunsa Sharif DG Khan)

Client Reference: PCS/25/Eng-15-D **SOM Lab Ref:** 710 (Page-3/3)
Dated: 04-02-2025 **Dated:** 04-02-2025
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	2.490	8	0.965	0.79	0.732	21.66	34.48	60480	65270	96250	103870	1.30	8.0	16.3	
2	2.490	8	0.965	0.79	0.732	21.68	34.40	60530	65330	96050	103660	1.40	8.0	17.5	
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BEND TEST:

--	No Bend test performed

Note:-

Only Two Samples Received and Tested

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

M IRFAN
DASKA

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

Client Reference: Nil
Dated: 04-02-2025

SOM Lab Ref: 711(Page-1/1)
Dated: 04-02-2025

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

Gauge Length: 8 inch **Sample Type:** Deformed Bar (M.T.S)

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	2.668	8	0.999	0.79	0.784	26.20	37.82	73140	73700	105580	106390	1.20	8.0	15.0	
2	1.491	6	0.747	0.44	0.438	15.41	21.33	77260	77610	106890	107380	1.00	8.0	12.5	
3	0.669	4	0.501	0.20	0.197	7.03	9.70	77560	78750	107010	108640	1.00	8.0	12.5	
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BEND TEST:

--	No Bend test performed

Note:-

Only Three Samples Received and Tested

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

Ittfaq Group
Construction Company

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

Client Reference: Nil

SOM Lab Ref: 712 (Page-1/1)

Dated: Nil **Dated:** 04-02-2025

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	1.507	6	0.751	0.44	0.443	12.95	21.68	64890	64450	108680	107940	1.30	8.0	16.3	
2	0.665	4	0.498	0.20	0.195	5.81	9.02	64080	65720	99480	102030	1.30	8.0	16.3	
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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

Bilal Anwar **Test Performed By:** **Dr. /Engr.** Asad Ali Gillani

Safaa Engineering Services Pvt.Ltd. Islamabad.(Jazz Solar Project)(Site ID`s: HWY4411)

Client Reference: Nil

Dated: 03-01-2025

SOM Lab Ref: 713(Page-1/1)

Dated: 04-02-2025

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	1.040	5	0.624	0.31	0.306	9.53	14.42	67810	68700	102620	103960	1.20	8.0	15.0	
2	0.671	4	0.501	0.20	0.197	6.60	8.79	72730	73840	96900	98370	1.20	8.0	15.0	
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BEND TEST:

--	No Bend test performed

Note:-

Only Two Samples Received and Tested

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