

Xue FeiYang, Dy Manager

Test Performed By:

Dr. /Engr.

Nauman Khurram

PowerChina SEPCO1 Electric Power Constuction.Co Ltd. (500KV Nokhar Grid Station)

1979 (Page-

Client Reference: WB-10A-GS-SEPCP01-727

SOM Lab Ref:

1/1)

Dated: 23-10-2025

Dated:

23-10-2025

Test: Tension Test

Test Specification:

ASTM-A-615

Guage Length: 200 mm

Sample Type:

MS Def 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)				
	kg/m	mm	mm	mm ²	mm ²	kN	kN	MPa	MPa	MPa	MPa	mm	mm	%	
1	2.201	19	18.88	284	280	124.20	196.70	437	444	693	703	35.0	200	17.5	
2	2.227	19	19.01	284	284	136.00	213.70	479	480	752	754	27.5	200	13.8	
3	1.528	16	15.74	201	195	86.50	134.50	430	445	669	692	30.0	200	15.0	
4	1.553	16	15.87	201	198	89.00	139.50	443	450	694	706	30.0	200	15.0	
5	0.877	12	11.93	113	112	54.70	77.50	484	490	686	694	25.0	200	12.5	
6	0.880	12	11.95	113	112	53.00	76.20	469	473	674	680	25.0	200	12.5	
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Witnessed By: Sohaib Ali (NESPAK), Ali Naqi (Sepco1)

BEND TEST:

Sr.(1-2)	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Twelve Samples Received and Tested
Sr.(3-4)	Sample bend through 180 degrees Satisfactorily without any crack	
Sr.(5-6)	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 Atif Bashir Ahmed

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

H.O.D. General Building Haier HNR Company (Pvt) Ltd.(Injection Molding Project at Haier Factory)

Client Reference: Project/BMC/IM/25-10/05

SOM Lab Ref: 1982 (P-1/1)

Dated: 21-10-2025

Dated: 23-10-2025

Test: Tension Test

Test Specification: ASTM-A-615

Guage Length: 200 mm

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)				
	kg/m	mm	mm	mm ²	mm ²	kN	kN	MPa	MPa	MPa	MPa	mm	mm	%	
1	4.010	25	25.51	491	511	240.70	335.20	490	472	683	656	37.5	200	18.8	
2	3.931	25	25.25	491	501	231.70	325.20	472	463	662	650	35.0	200	17.5	
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BEND TEST:

25mm	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

Farooq Memon, GME

Test Performed By: Dr. /Engr. Nauman Khurram

Sufi City.(Const of Afsheen & Negin Commercial Plaza at Sufi City Housing Society,Mandi Bahaud Din)

Client Reference: SUFI/20251022/AFSHEEN-BLD/02

SOM Lab Ref: 1975 (Page-1/1)

Dated: 22-10-2025

Dated: 23-10-2025

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	2.661	8	0.998	0.79	0.782	24.16	33.33	67450	68140	93060	94010	1.40	8.0	17.5	
2	2.653	8	0.997	0.79	0.780	24.62	33.51	68730	69610	93540	94740	1.60	8.0	20.0	
3	1.540	6	0.759	0.44	0.453	12.95	19.34	64890	63030	96930	94150	1.60	8.0	20.0	
4	1.512	6	0.752	0.44	0.444	14.37	19.75	72050	71400	98970	98080	1.30	8.0	16.3	
5	0.677	4	0.503	0.20	0.199	5.98	9.04	65990	66320	99710	100210	1.20	8.0	15.0	
6	0.694	4	0.510	0.20	0.204	6.39	9.23	70480	69100	101730	99740	1.30	8.0	16.3	
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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

SUNSHINE HEALTH CARE
Lahore.(Project Sunshine Medical Tower Shahdra)

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

Client Reference: Nil

SOM Lab

Ref: 1976 (Page-1/1)

Dated: 23-10-2025

Dated: 23-10-2025

Test: Tension 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	2.725	8	1.010	0.79	0.801	26.01	35.27	72630	71630	98470	97110	1.60	8.0	20.0	
2	2.667	8	0.999	0.79	0.784	26.40	35.33	73710	74270	98640	99390	1.60	8.0	20.0	
3	1.482	6	0.745	0.44	0.436	15.55	19.69	77920	78640	98720	99620	1.40	8.0	17.5	
4	1.468	6	0.741	0.44	0.431	13.73	20.05	68830	70260	100500	102600	1.40	8.0	17.5	
5	0.652	4	0.494	0.20	0.192	5.98	8.33	65990	68740	91840	95670	1.40	8.0	17.5	
6	0.654	4	0.494	0.20	0.192	5.93	8.26	65420	68150	91050	94850	1.50	8.0	18.8	
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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

Naveed Muslim, PM
For Thaheem Construction Services.(Reliance Feed Mill Jambar)

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

Client Reference: TCS/UET/0012

SOM Lab

Ref: 1977 (Page-1/1)

Dated: 23-10-2025

Dated: 23-10-2025

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	1.469	6	0.742	0.44	0.432	12.33	17.45	61830	62970	87480	89100	1.20	8.0	15.0	
2	1.465	6	0.741	0.44	0.431	10.72	17.43	53750	54880	87370	89200	1.30	8.0	16.3	
3	1.057	5	0.629	0.31	0.311	9.38	12.69	66720	66510	90290	90000	1.40	8.0	17.5	
4	1.032	5	0.621	0.31	0.303	7.85	12.28	55840	57130	87390	89410	1.50	8.0	18.8	
5	0.660	4	0.497	0.20	0.194	5.32	8.07	58680	60490	89030	91780	1.40	8.0	17.5	
6	0.646	4	0.492	0.20	0.190	5.12	7.95	56430	59400	87680	92300	1.30	8.0	16.3	
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BEND TEST:

# 6	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Nine Samples Received and Tested
# 5	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

Naveed Muslim, PM

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

For Thaheem Construction Services.(Commercial Plaza 429-DII Johar Town,Lahore)

Client Reference: TCS/UET/0012

SOM Lab

Ref:

1978 (Page-1/1)

Dated: 23-10-2025

Dated:

23-10-2025

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	2.607	8	0.988	0.79	0.766	18.67	29.92	52140	53770	83530	86140	1.60	8.0	20.0	
2	2.637	8	0.993	0.79	0.775	18.60	30.24	51940	52940	84440	86070	1.50	8.0	18.8	
3	1.465	6	0.741	0.44	0.431	11.28	16.99	56560	57750	85180	86960	1.40	8.0	17.5	
4	1.436	6	0.733	0.44	0.422	10.65	16.77	53400	55670	84050	87640	1.40	8.0	17.5	
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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	

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

Hafiz Ur Rehman

Test Performed By:

Dr. /Engr. Asad Ali Gillani

RE,Nespak Lhr.[Uplifting of Neela Gumbad Area along With Provision of Underground Parking Facility,Lhr]

Client Reference: 4047/13/HSR/09/06

SOM Lab

Ref: 1980 (Page-1/1)

Dated: 15-10-2025

Dated: 23-10-2025

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	2.705	8	1.006	0.79	0.795	23.52	34.22	65650	65240	95530	94930	1.50	8.0	18.8	
2	2.707	8	1.007	0.79	0.796	23.50	34.27	65600	65100	95680	94960	1.30	8.0	16.3	
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BEND TEST:

# 8	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

Executive Engineer

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

Building Div Kasur.(Const of Arazi Record Center in Tehsil Kot Radha Kishan Distt Kasur)

Client Reference: 6514/D

SOM Lab

Ref: 1981(Page-1/1)

Dated: 09-10-2025

Dated: 23-10-2025

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	2.740	8	1.012	0.79	0.805	18.98	29.48	52990	52000	82300	80770	1.50	8.0	18.8	
2	2.706	8	1.006	0.79	0.795	19.16	29.86	53500	53170	83360	82830	2.10	8.0	26.3	
3	1.479	6	0.744	0.44	0.435	14.34	22.48	71890	72720	112660	113960	1.40	8.0	17.5	
4	1.516	6	0.754	0.44	0.446	13.63	22.04	68320	67400	110470	108980	1.10	8.0	13.8	
5	0.656	4	0.496	0.20	0.193	6.34	9.55	69920	72460	105330	109150	1.10	8.0	13.8	
6	0.651	4	0.493	0.20	0.191	6.14	9.28	67670	70860	102290	107110	1.10	8.0	13.8	
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BEND TEST:

--	No Bend test performed	Note:- Only Six Samples Received and Tested

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