

Maj Dy Dir MTL(Adnan Khalid R)

Test Performed By: Dr. /Engr. Asad Ghalani

DHA Lahore,(Const of Works Overseas Enclave Sector-T Ph-VII,DHA Lahore)(M/s DHA-C)

Client Reference: 408/241/E/Lab/162/106

SOM Lab

Ref: 5313(Page-1/1)

Dated: 16-11-2021

Dated: 18-11-2021

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (AF 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	0.654	4	0.494	0.20	0.192	6.83	8.77	75320	78450	96670	100700	1.00	8.0	12.5	
2	0.656	4	0.496	0.20	0.193	7.00	8.89	77230	80030	98020	101580	1.10	8.0	13.8	
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BEND TEST:

# 8	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. Khalid Khan Baloch
MetroplanAsian JV, Site Office, MCH Attock

Test Performed By: Dr. /Engr. Asad Ghalani

Client Reference: MetroplanAsianJV-MCH/Lab-RE-2021-005

SOM Lab

Ref: 5314(Page-1/1)

Dated: 28-10-2021

Dated: 18-11-2021

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (AF 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	1.524	6	0.755	0.44	0.448	14.70	20.15	73680	72370	101020	99210	1.50	8.0	18.8	
2	1.465	6	0.741	0.44	0.431	14.65	20.00	73430	74960	100250	102340	1.30	8.0	16.3	
3	1.041	5	0.624	0.31	0.306	9.50	13.37	67590	68480	95150	96390	1.40	8.0	17.5	
4	1.052	5	0.627	0.31	0.309	9.33	13.32	66360	66570	94790	95090	1.30	8.0	16.3	
5	0.662	4	0.498	0.20	0.195	5.83	8.66	64300	65950	95550	98000	1.30	8.0	16.3	
6	0.669	4	0.501	0.20	0.197	5.81	8.69	64080	65050	95770	97230	1.10	8.0	13.8	
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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

Sub Divisional Officer

Test Performed By: Dr. /Engr. Asad Ghalani

HSD,(Cons.of New Carpet Rd Sewerage and St. Lights From RasoolNagar towards Miragpura SKP

Client Reference: 354/SKP

SOM Lab

Ref: 5315(Page-1/1)

Dated: 30-09-2021

Dated: 18-11-2021

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615
Deformed Bar
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Gauge Length: 8 inch

Sample Type:

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	1.565	6	0.765	0.44	0.460	14.53	21.89	72810	69650	109700	104930	1.30	8.0	16.3	
2	1.557	6	0.764	0.44	0.458	14.53	21.97	72810	69950	110110	105780	1.30	8.0	16.3	
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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

Abdullah Khan Architect

Test Performed By: Dr. /Engr. Asad Ghalani

CIMS, Site Office, DHAB (CMH Institute Of Medical Science, DHA Bahawalpur)

Client Reference: RE/TB/01/CIMS/Site/Lab/04

SOM Lab

Ref: 5316(Page-1/1)

Dated: 09-11-2021

Dated: 18-11-2021

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type: Deformed Bar (Agha 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	2.642	8	0.994	0.79	0.776	23.39	32.69	65310	66490	91270	92910	1.60	8.0	20.0	
2	2.645	8	0.995	0.79	0.777	23.62	32.74	65940	67040	91410	92940	1.50	8.0	18.8	
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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

Irfan Siddique

Test Performed By:

Dr. /Engr.

Asad Ghalani

Building Standards,(Construction of Residential Building in Gulberg, Lahore)

Client Reference: GT/LTR/211118-120

SOM Lab

Ref:

5317(Page-1/1)

Dated: 18-11-2021

Dated:

18-11-2021

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Deformed Bar

Gauge Length: 8 inch

Sample Type:

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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	2.589	8	0.984	0.79	0.761	23.92	31.96	66790	69340	89220	92620	1.00	8.0	12.5	
2	1.483	6	0.745	0.44	0.436	17.28	21.07	86610	87400	105610	106580	1.00	8.0	12.5	
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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

RE,New Vision Eng Consultant

Test Performed By: Dr. /Engr. Asad Ghalani

Site Office DHA Bahawalpur,(Civil Infrastructure Development Works for MB-01 Extension Bridge DHAB)

Client Reference: RE/NVEC/Site-MB-01/71

SOM Lab Ref: 5318(Page-1/2)

Dated: 13-11-2021

Dated: 18-11-2021

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Deformed Bar (Pak

Gauge Length: 8 inch

Sample Type: 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	1.476	6	0.743	0.44	0.434	13.78	19.22	69080	70040	96320	97650	1.10	8.0	13.8	
2	1.481	6	0.744	0.44	0.435	13.58	19.29	68060	68840	96670	97780	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

Ashfaq Ul Haq

Test Performed By: Dr. /Engr. Asad Ghalani

RE,New Vision Engg.Consultant DHA Bahawalpur,(U/G Electrical Works of Sector-C)

Client Reference: RE/DEL-Elec/Sec-C/1905/Site/31

SOM Lab

Ref: 5318(Page-2/2)

Dated: 16-11-2021

Dated: 18-11-2021

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type: Deformed Bar (Mughal)

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	0.659	4	0.497	0.20	0.194	7.46	8.87	82290	84830	97800	100820	1.10	8.0	13.8	
2	0.659	4	0.497	0.20	0.194	7.70	9.04	84870	87500	99710	102790	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

Maj Dy Dir MTL(Adnan Khalid R)
DHA Lahore,(Infra Dev Works of Sector-U&V Ph-VIII)(M/s Ambiance)

Test Performed By: Dr. /Engr. Asad Ghalani

Client Reference: 408/241/E/Lab/158/42

SOM Lab

Ref: 5319(Page-1/1)

Dated: 12-11-2021

Dated: 18-11-2021

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	2.672	8	1.000	0.79	0.785	30.53	37.43	85230	85780	104500	105160	1.10	8.0	13.8	
2	2.711	8	1.007	0.79	0.797	24.49	33.79	68360	67760	94340	93510	1.20	8.0	15.0	
3	1.483	6	0.745	0.44	0.436	14.53	19.37	72810	73480	97080	97970	1.30	8.0	16.3	
4	1.467	6	0.741	0.44	0.431	14.27	19.16	71540	73030	96060	98070	1.40	8.0	17.5	
5	0.626	4	0.484	0.20	0.184	6.31	8.10	69580	75630	89370	97140	1.00	8.0	12.5	
6	0.629	4	0.485	0.20	0.185	6.39	8.23	70480	76200	90720	98070	1.00	8.0	12.5	
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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

M R Builders

Test Performed By: Dr. /Engr. Asad Ghalani

Lahore (Construction of New ABL Building 3A 4A Commercial Talwar Chowk Bahria Town Lahore)

Client Reference: Nil

SOM Lab

Ref: 5321(Page-1/1)

Dated: 18-11-2021

Dated: 18-11-2021

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type: Deformed Bar (Ittefaq 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	2.628	8	0.991	0.79	0.772	27.59	35.95	77040	78830	100370	102710	1.00	8.0	12.5	
2	2.657	8	0.997	0.79	0.781	29.63	37.38	82730	83680	104360	105560	1.00	8.0	12.5	
3	1.503	6	0.750	0.44	0.442	15.41	18.98	77260	76910	95140	94710	1.00	8.0	12.5	
4	1.502	6	0.749	0.44	0.441	15.31	19.24	76750	76570	96420	96200	1.10	8.0	13.8	
5	0.677	4	0.503	0.20	0.199	6.14	9.37	67670	68010	103300	103820	1.30	8.0	16.3	
6	0.681	4	0.505	0.20	0.200	6.14	9.35	67670	67670	103080	103080	1.20	8.0	15.0	
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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

Ma Desheng

Test Performed By:

Dr. /Engr.

Asad Ghalani

PM State Grid (Contract No. ADB-301A-2018)(Transmission Line Nokhar S/S-Lahore

Client Reference: CET/ADB/301A/UT-21-135

SOM Lab

Ref:

5322(Page-1/1)

Dated: 18-11-2021

Dated:

18-11-2021

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	2.634	8	0.993	0.79	0.774	24.28	33.54	67790	69190	93630	95560	1.80	8.0	22.5	
2	2.665	8	0.998	0.79	0.783	27.39	34.86	76470	77150	97330	98200	1.30	8.0	16.3	
3	2.660	8	0.998	0.79	0.782	25.08	34.12	70010	70720	95250	96220	1.30	8.0	16.3	
4	1.491	6	0.747	0.44	0.438	13.00	18.83	65150	65450	94370	94800	1.60	8.0	20.0	
5	1.462	6	0.740	0.44	0.430	12.28	17.66	61570	63000	88500	90560	1.30	8.0	16.3	
6	1.472	6	0.743	0.44	0.433	12.44	17.76	62340	63350	89010	90450	1.70	8.0	21.3	
7	1.491	6	0.747	0.44	0.438	12.59	18.27	63100	63390	91560	91980	1.70	8.0	21.3	
8	1.495	6	0.748	0.44	0.439	13.48	18.83	67550	67700	94370	94590	1.40	8.0	17.5	
9	1.472	6	0.743	0.44	0.433	13.07	19.27	65510	66570	96570	98130	1.60	8.0	20.0	
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Witnessed By:

Wasif Ali, Sr.Engr (NESPAK)

BEND TEST:

Sr.#1&2	Sample bend through 180 degrees Satisfactorily without any crack	<p>Note:-</p> <p>Only Eighteen Samples Received and Tested</p>
Sr.#3	Sample bend through 180 degrees Satisfactorily without any crack	
Sr.#4&5	Sample bend through 180 degrees Satisfactorily without any crack	
Sr.#6&7	Sample bend through 180 degrees Satisfactorily without any crack	
Sr.#8&9	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