

Waqas Ahmed Ghumman,PM
High-Q Constructions Lhr.(Const Of High-Q Tower at CBD Lahore)

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

Client Reference: QC/HQ-CBD/CIVIL/002

Dated: 03-12-2024

SOM Lab Ref: CED/SOM/311 (Page-1/1)

Dated: 05-12-2024

Test: Tension Test & Bend Test

Test Specification: ASTM-A 615

Sample Type: Deformed Bar

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	3.927	25	25.23	491	500	254.70	342.00	519	510	697	684	32.5	200	16.3	
2	3.922	25	25.22	491	500	257.00	345.50	524	515	704	692	37.5	200	18.8	
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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

Waqas Ahmed Ghumman, PM
 High-Q Constructions Lhr. (Const Of High-Q Tower at CBD Lahore)

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

Client Reference: QC/HQ-CBD/CIVIL/001

Dated: 03-12-2024

SOM Lab Ref: CED/SOM/312 (Page-1/1)

Dated: 05-12-2024

Test: Tension Test & Bend Test

Test Specification: ASTM-A 615

Sample Type: Deformed Bar

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	3.934	25	25.26	491	501	262.70	357.20	535	525	728	713	32.5	200	16.3	
2	3.969	25	25.37	491	506	257.00	354.20	524	509	722	701	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

Sub Divisional officer,

Test Performed By:

Dr. /Engr. Asad Ali Gillani

BSD Bahawalnagar.(Revamping Of 581 BHUS of South Punjab BHU Of Distt Bahawalnagar)

Client Reference: 6017/BWN

SOM Lab

Ref:

313(Page-1/1)

Dated: 30-09-2024

Dated:

05-12-2024

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	1.521	6	0.754	0.44	0.447	19.75	22.91	98970	97420	114810	113010	0.90	8.0	11.3	
2	0.665	4	0.498	0.20	0.195	7.51	8.48	82850	84970	93530	95920	1.20	8.0	15.0	
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BEND TEST:

# 6	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Four Samples Received and Tested
# 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. Jameel
40-C-III Gulberg III Lahore.

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

Client Reference: Nil
Dated: Nil

SOM Lab
Ref: 314 (Page-1/1)
Dated: 05-12-2024

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	2.710	8	1.007	0.79	0.796	26.50	36.16	73990	73440	100940	100180	1.50	8.0	18.8	
2	2.634	8	0.993	0.79	0.774	26.27	35.37	73340	74850	98750	100790	1.50	8.0	18.8	
3	2.638	8	0.993	0.79	0.775	26.30	36.14	73420	74840	100880	102840	1.40	8.0	17.5	
4	1.039	5	0.623	0.31	0.305	10.60	14.27	75420	76660	101530	103200	1.20	8.0	15.0	
5	1.039	5	0.623	0.31	0.305	10.62	14.22	75570	76810	101170	102830	1.30	8.0	16.3	
6	1.043	5	0.625	0.31	0.307	10.57	14.24	75210	75940	101310	102300	1.20	8.0	15.0	
7	0.660	4	0.497	0.20	0.194	6.90	9.02	76100	78460	99480	102560	1.20	8.0	15.0	
8	0.665	4	0.498	0.20	0.195	6.95	9.25	76660	78630	101960	104570	1.10	8.0	13.8	
9	0.663	4	0.498	0.20	0.195	6.75	9.02	74420	76320	99480	102030	1.00	8.0	12.5	
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BEND TEST:

# 8	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Twelve 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

Engr. M.Aamir Saeed

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

Snr PM IDAP Lahore.(Project site MIR#CCECC/NSICTR/PKG-A/CIVIL/MIR/003)

Client Reference: SPM(NSICTR)/PACKAGE-C/2024/20849

SOM Lab

Ref:

315 (Page-1/1)

Dated: 03-12-2024

Dated:

05-12-2024

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	1.500	6	0.749	0.44	0.441	14.70	19.72	73680	73510	98870	98650	1.00	8.0	12.5	H # 6549
2	1.496	6	0.748	0.44	0.440	14.34	19.67	71890	71890	98610	98610	1.10	8.0	13.8	H # 6549
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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

Kashif Sajjad Rao, CRE

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

UMDS JV Consultants Sialkot.(Upgradation, Lot-04: Construction Of Flyover in Sialkot)

Client Reference: CRE/UMDS-JV/LOT-4/SKT/299

SOM Lab

Ref:

316 (Page-1/1)

Dated: 03-12-2024

Dated:

05-12-2024

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed 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)				
	lb/ft	#	in	in ²	in ²	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	1.521	6	0.754	0.44	0.447	12.71	20.46	63720	62720	102550	100940	1.20	8.0	15.0	
2	1.490	6	0.747	0.44	0.438	12.92	20.66	64740	65040	103570	104040	1.30	8.0	16.3	
3	1.026	5	0.620	0.31	0.302	9.35	14.95	66500	68270	106390	109210	1.20	8.0	15.0	
4	1.023	5	0.619	0.31	0.301	9.25	14.90	65780	67750	106030	109200	1.10	8.0	13.8	
5	0.666	4	0.500	0.20	0.196	5.52	8.48	60930	62170	93530	95430	1.30	8.0	16.3	
6	0.668	4	0.500	0.20	0.196	5.45	8.43	60140	61370	92960	94860	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

Engr.Qamar U Zaman, RE

Test Performed By:

Dr. /Engr. Asad Ali Gillani

Development Consult. Svices.(Const Of Academic Block,Admin Block, Mosque and External Dev)

Client Reference: DCS/RE/UOS/2024/1205

SOM Lab

Ref: 317 (Page-1/1)

Dated: 05-12-2024

Dated: 05-12-2024

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (Ak Supreme)

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	1.487	6	0.746	0.44	0.437	16.06	21.36	80480	81030	107040	107780	1.10	8.0	13.8	
2	1.486	6	0.746	0.44	0.437	16.26	21.48	81500	82060	107660	108400	1.10	8.0	13.8	
3	0.664	4	0.498	0.20	0.195	6.95	9.43	76660	78630	103980	106650	1.00	8.0	12.5	
4	0.665	4	0.498	0.20	0.195	6.88	9.33	75880	77820	102860	105490	0.90	8.0	11.3	
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BEND TEST:

# 6	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Six Samples Received and Tested
# 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 Ali Gillani

BSD Sillanwali.(Revamping Of 552 BHU's of North &Central Punjab-BHU of Distt & Tehsil Sargodha)

Client Reference: E-24/209/SHP

SOM Lab

Ref:

318(Page-1/1)

Dated: 16-10-2024

Dated:

05-12-2024

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	1.463	6	0.740	0.44	0.430	15.16	19.67	75980	77750	98610	100910	1.30	8.0	16.3	
2	1.441	6	0.734	0.44	0.423	14.22	18.78	71280	74140	94120	97900	1.40	8.0	17.5	
3	0.676	4	0.503	0.20	0.199	6.30	9.58	69470	69820	105670	106200	1.30	8.0	16.3	
4	0.651	4	0.493	0.20	0.191	6.07	9.55	66890	70040	105330	110290	1.20	8.0	15.0	
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BEND TEST:

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

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