

Waqas Ahmed Ghumman,PM
 High-Q Constructions Lhr.(Const Of High-Q Mall at 3-A Gulberg II Lahore)

Test Performed By: Dr. /Engr. Wasim Abbas

Client Reference: QC/HQ/CIVIL/245
SOM Lab Ref: CED/SOM/153 (Page-1/1)
Test: Tension Test & Bend Test
Sample Type: Deformed Bar

Dated: 04-11-2024
Dated: 05-11-2024
Test Specification: ASTM-A 615
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	2.493	20	20.12	314	318	162.50	215.20	517	512	685	677	32.5	200	16.3	
2	2.485	20	20.08	314	317	159.70	211.50	508	505	673	669	27.5	200	13.8	
3	1.562	16	15.92	201	199	91.70	123.70	456	461	615	622	30.0	200	15.0	
4	1.561	16	15.91	201	199	93.20	124.20	464	469	618	625	30.0	200	15.0	
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BEND TEST:

20mm	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Six Samples Received and Tested
16mm	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

Parvaiz

Test Performed By:

Dr. /Engr.

Wasim Abbas

Site Engineer Five Star Construction Co.(Const Of Rain Water PIT at CCI LHR Plant)

Client Reference: Nil

Dated:

Nil

SOM Lab Ref: CED/SOM/156 (Page-1/1)

Dated:

05-11-2024

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	1.524	16	15.72	201	194	98.50	130.50	490	508	649	673	32.5	200	16.3	
2	1.523	16	15.72	201	194	91.70	127.70	456	473	635	659	32.5	200	16.3	
3	0.885	12	11.98	113	113	59.70	77.20	528	530	683	685	27.5	200	13.8	
4	0.882	12	11.96	113	112	57.20	74.70	506	509	660	665	25.0	200	12.5	
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BEND TEST:

16mm	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Six Samples Received and Tested
12mm	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.Imran Tipu

Test Performed By: Dr. /Engr. Wasim Abbas

MP A.Rehman Const.Company.(Const Of 2 Lab Rooms at TCF Ghulam Fatima Campus-III Silanwali)

Client Reference: 19B/24

SOM Lab

Ref: 149 (Page-1/1)

Dated: 05-11-2024

Dated: 05-11-2024

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	1.041	5	0.624	0.31	0.306	11.37	13.91	80860	81920	98990	100290	0.90	8.0	11.3	
2	0.651	4	0.493	0.20	0.191	7.19	9.50	79250	82980	104770	109700	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

Arsalan Khurshid

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

Site Coordinator Fort (Sufi Muhammad Haroon Haris) Green Fort-1 Plot #01 Raiwind Rd Lahore)

Client Reference: Green Fort-1/UET/Steel Test

SOM Lab

Ref: 150 (Page-1/1)

Dated: 05-11-2024

Dated: 05-11-2024

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (Sheikhoo 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	0.653	4	0.494	0.20	0.192	7.05	8.84	77790	81030	97460	101520	0.80	8.0	10.0	
2	0.657	4	0.496	0.20	0.193	7.24	9.14	79810	82710	100830	104490	0.90	8.0	11.3	
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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

Prime Steel Re-Rolling Mills
Sheikhupura.

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

Client Reference: Nil

SOM Lab

Ref: 151 (Page-1/2)

Dated: 05-11-2024

Dated: 05-11-2024

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (Prime 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	1.534	6	0.758	0.44	0.451	13.83	22.53	69340	67650	112920	110170	1.10	8.0	13.8	H # 1
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BEND TEST:

# 6	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

Prime Steel Re-Rolling Mills
Sheikhupura.

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

Client Reference: Nil

SOM Lab

Ref: 151 (Page-2/2)

Dated: 05-11-2024

Dated: 05-11-2024

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (Prime 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	1.525	6	0.755	0.44	0.448	12.10	18.93	60650	59570	94880	93190	1.40	8.0	17.5	H # 2
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BEND TEST:

# 6	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

High Rise Builders
Lahore.

Test Performed By: Dr. /Engr. Wasim Abbas

Client Reference: Nil

SOM Lab

Ref: 152 (Page-1/1)

Dated: 05-11-2024

Dated: 05-11-2024

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	2.645	8	0.995	0.79	0.777	22.48	38.18	62750	63800	106580	108360	1.20	8.0	15.0	
2	1.499	6	0.749	0.44	0.441	13.37	21.38	67040	66890	107150	106900	0.90	8.0	11.3	
3	0.657	4	0.496	0.20	0.193	5.78	8.79	63740	66050	96900	100410	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

Rana Naeem
PM ACE Canal City Sarai Alamgir.

Test Performed By: Dr. /Engr. Nauman Khurram

Client Reference: Nil

Dated: 05-11-2024

Test: Tension Test & Bend Test

Gauge Length: 8 inch

Test Specification:

Sample Type:

SOM Lab

Ref: 154 (Page-1/1)

Dated: 05-11-2024

ASTM-A-615

Deformed Bar (Siraj 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	2.650	8	0.996	0.79	0.779	21.94	35.04	61240	62110	97810	99190	1.40	8.0	17.5	
2	2.702	8	1.005	0.79	0.794	22.38	35.85	62470	62150	100090	99580	1.50	8.0	18.8	
3	1.504	6	0.750	0.44	0.442	13.48	21.51	67550	67240	107810	107320	1.40	8.0	17.5	
4	1.498	6	0.748	0.44	0.440	13.43	21.36	67290	67290	107040	107040	1.40	8.0	17.5	
5	0.666	4	0.500	0.20	0.196	6.37	9.33	70260	71690	102860	104950	1.20	8.0	15.0	
6	0.668	4	0.500	0.20	0.196	6.32	9.28	69700	71120	102290	104380	1.10	8.0	13.8	
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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

Luqman Maqsood,RE
 Shahzad Ayub Associates New Metro City Sri Alamgir.(Ghousia Engineering)

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

Client Reference: SAA-St-Rep-26

SOM Lab

Ref: 155 (Page-1/1)

Dated: 04-11-2024

Dated: 05-11-2024

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (S.J 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	0.667	4	0.500	0.20	0.196	7.08	8.84	78130	79720	97460	99450	1.30	8.0	16.3	
2	0.667	4	0.500	0.20	0.196	6.90	8.63	76100	77660	95210	97150	1.20	8.0	15.0	
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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

M. Armughan Khan, Dy Dir

Test Performed By:

Dr. /Engr.

Wasim Abbas

WASA, LDA, Lhr. (PCC/Drainage Scheme/Sewerage Scheme UC-241, Ghwala Colony)

Client Reference: QCD/2197

SOM Lab

Ref:

158 (Page-1/2)

Dated: 04-11-2024

Dated:

05-11-2024

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	0.668	4	0.500	0.20	0.196	6.39	8.77	70480	71920	96670	98650	1.30	8.0	16.3	
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BEND TEST:

# 4	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

M. Armughan Khan, Dy Dir

Test Performed By: Dr. /Engr. Wasim Abbas

WASA, LDA, Lhr. (PCC/Drainage Scheme/Sewerage Scheme UC-241, Ghwala Colony)

Client Reference: QCD/2198

SOM Lab

Ref: 158 (Page-2/2)

Dated: 04-11-2024

Dated: 05-11-2024

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	14.14	18.83	70870	69760	94370	92900	1.40	8.0	17.5	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
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BEND TEST:

# 6	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

UMT
Director PMO UMT Lahore.(For Exhibition Building)

Test Performed By: Dr. /Engr. Wasim Abbas

Client Reference: EXB-1/43

SOM Lab

Ref: 159 (Page-1/1)

Dated: 04-11-2024

Dated: 05-11-2024

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 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	1.490	6	0.747	0.44	0.438	13.78	18.57	69080	69400	93100	93520	1.20	8.0	15.0	
2	1.494	6	0.748	0.44	0.439	13.68	18.50	68570	68730	92740	92950	1.40	8.0	17.5	
3	0.660	4	0.497	0.20	0.194	6.34	8.28	69920	72080	91280	94100	1.30	8.0	16.3	
4	0.664	4	0.498	0.20	0.195	6.37	8.31	70260	72060	91610	93960	1.10	8.0	13.8	
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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.

Wasim Abbas

BSD NNS.(Revamping Of 552 BHU's of North and Central Punjab on at BHU Chak No.17)

Client Reference: 1142/SDO/BSD/NNS

SOM Lab

Ref:

160(Page-1/1)

Dated: 05-10-2024

Dated:

05-11-2024

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	1.485	6	0.745	0.44	0.436	14.73	19.32	73830	74510	96830	97710	1.10	8.0	13.8	
2	0.648	4	0.492	0.20	0.190	6.91	8.72	76220	80230	96110	101170	1.10	8.0	13.8	
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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

Mark Development (Pvt) Ltd.

Test Performed By: Dr. /Engr. Nauman Khurram

Upper Mall, Lahore. (Const Of SOS Children`s Village at Mian Channu Distt Khanewal)

Client Reference: Nil

SOM Lab

Ref: 163 (Page-1/1)

Dated: Nil

Dated: 05-11-2024

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	2.644	8	0.995	0.79	0.777	29.99	36.75	83730	85130	102590	104310	1.00	8.0	12.5	
2	1.652	6	0.786	0.44	0.485	17.30	22.32	86710	78660	111900	101520	1.10	8.0	13.8	
3	0.668	4	0.500	0.20	0.196	6.68	9.12	73630	75130	100610	102660	1.20	8.0	15.0	
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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	
# 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