

Mudassir Murtaza
Global Links Enterprises,Lahore.

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

Client Reference: Nil
SOM Lab Ref: CED/SOM/188(Page-1/1)

Dated: 18-04-2022

Dated: 18-04-2022

Test: Tension Test
Sample Type: Anchor Bolt

Test Specification: ASTM-F-1554
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	3.922	25	25.23	491	500	198.20	312.20	404	397	636	625	30.0	200	15.0	
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BEND TEST:

--	No Bend test performed	Note:- Only One Sample Received and Tested

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

Lucky Cement

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

Manager (Civil), PEZU.(800 TPD Line-2 At Lucky Cement Ltd,PEZU)

Client Reference: LCL/Civil/Line-2/2022/04/516

Dated: 15-04-2022

SOM Lab Ref: CED/SOM/185(Page-1a/1)

Dated: 18-04-2022

Test: Tension Test & Bend Test

Test Specification: ASTM-A 615

Sample Type: Deformed Bar (Naveena Steel)

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	3.811	25	24.88	491	486	285.20	343.00	581	587	699	706	32.5	200	16.3	TML-419
2	3.800	25	24.83	491	484	281.70	338.00	574	582	689	699	32.5	200	16.3	TML-419
3	3.840	25	24.96	491	489	297.00	358.70	605	608	731	734	30.0	200	15.0	TML-502
4	3.878	25	25.08	491	494	290.20	355.50	591	588	724	720	30.0	200	15.0	TML-502
5	2.454	20	19.95	314	313	165.50	209.50	527	530	667	671	32.5	200	16.3	TML-518
6	2.462	20	19.98	314	314	166.70	210.50	531	532	670	672	32.5	200	16.3	TML-518
7	2.437	20	19.88	314	310	171.50	213.70	546	553	680	689	30.0	200	15.0	TMK-689
8	2.441	20	19.90	314	311	171.50	214.70	546	552	683	691	32.5	200	16.3	TMK-689
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BEND TEST:

25mm	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Twelve Samples Received and Tested
25mm	Sample bend through 180 degrees Satisfactorily without any crack	
20mm	Sample bend through 180 degrees Satisfactorily without any crack	
20mm	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

Lucky Cement

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

Manager (Civil), PEZU.(800 TPD Line-2 At Lucky Cement Ltd,PEZU)

Client Reference: LCL/Civil/Line-2/2022/04/516

Dated: 15-04-2022

SOM Lab Ref: CED/SOM/185(Page-1b/1)

Dated: 18-04-2022

Test: Tension Test & Bend Test

Test Specification: ASTM-A 615

Sample Type: Deformed Bar (Naveena Steel)

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	1.607	16	16.16	201	205	111.20	142.00	553	543	706	693	30.0	200	15.0	TMK-688
2	1.599	16	16.10	201	204	110.50	139.50	550	543	694	685	30.0	200	15.0	TMK-688
3	1.608	16	16.15	201	205	103.50	132.50	515	506	659	647	32.5	200	16.3	TMK-529
4	1.612	16	16.17	201	205	103.70	131.50	516	506	654	641	30.0	200	15.0	TMK-529
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BEND TEST:

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

Khalid Bashir

Test Performed By:

Dr. /Engr.

Irfan UI Hasan

Ittfaq Building Solution (Pvt.)Ltd.(Kohinoor Textile Mill Raiwind,LHR.(Weaving Unit Extension))

Client Reference: IBS/KTML/ST 07

Dated: 18-04-2022

SOM Lab Ref: CED/SOM/193(Page-1/1)

Dated: 18-04-2022

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	3.893	25	25.13	491	496	286.00	393.00	583	577	801	793	35.0	200	17.5	
2	3.862	25	25.03	491	492	237.20	326.70	483	483	666	665	40.0	200	20.0	
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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

Qaisar Abbas

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

Project Dir, IDAP.(Pilot Program For Hub And Spoke Model At Zahir Pir Rahim Yar Khan)

Client Reference: PD/ZP/IDAP/SO/2022/10

SOM Lab

Ref: 186 (Page-1/1)

Dated: 08-04-2022

Dated: 18-04-2022

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type: Deformed Bar (Five Mega Star)

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	1.457	6	0.738	0.44	0.428	12.28	19.11	61570	63300	95800	98490	1.30	8.0	16.3	
2	0.661	4	0.497	0.20	0.194	6.03	9.12	66550	68610	100610	103720	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

Col Tajamal Hussain Riaz ®

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

RE ACE Limited.Multan.(Const Of Govt. Officer`s Residence(GOR) In South Punjab Secretariat)

Client Reference: ACE/RE/GOR/2022/024

SOM Lab

Ref: 187 (Page-1/1)

Dated: 14-04-2022

Dated: 18-04-2022

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

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)				
	lb/ft	#	in	in ²	in ²	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	1.472	6	0.743	0.44	0.433	13.83	19.78	69340	70460	99130	100730	1.20	8.0	15.0	
2	1.472	6	0.743	0.44	0.433	13.73	19.83	68830	69940	99380	100990	1.10	8.0	13.8	
3	0.657	4	0.496	0.20	0.193	6.24	8.36	68800	71290	92180	95520	1.30	8.0	16.3	
4	0.647	4	0.492	0.20	0.190	5.86	8.05	64640	68040	88800	93480	1.20	8.0	15.0	
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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

Yasir Ahmad
GM-Works FF Steel Lahore.

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

Client Reference: Nil
Dated: 15-04-2022

SOM Lab
Ref: 189 (Page-1/1)
Dated: 18-04-2022

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	1.451	6	0.736	0.44	0.426	13.48	18.78	67550	69770	94120	97210	1.10	8.0	13.8	
2	1.455	6	0.738	0.44	0.428	13.46	18.76	67450	69340	94020	96650	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

Muhammad Adnan Alam RE

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

ACES (Mosque & Adit Staff Residence at Golf Mainten. Facility Of Rumanza Golf Course DHA Multan)

Client Reference: ACES-DHAM-RGC-WBC-20

SOM Lab

Ref: 190 (Page-1/1)

Dated: 11-01-2022

Dated: 18-04-2022

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	0.595	4	0.472	0.20	0.175	5.78	7.97	63740	72840	87910	100460	1.20	8.0	15.0	
2	0.586	4	0.468	0.20	0.172	5.73	7.97	63180	73460	87910	102210	1.10	8.0	13.8	
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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

Variant
Gulberg 2 Lahore.

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

Client Reference: VA/29/5

SOM Lab

Ref: 191 (Page-1/1)

Dated: 18-04-2022

Dated: 18-04-2022

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	2.606	8	0.988	0.79	0.766	26.81	32.79	74850	77190	91550	94420	1.10	8.0	13.8	
2	2.618	8	0.990	0.79	0.769	25.99	31.52	72570	74550	87990	90400	1.20	8.0	15.0	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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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

State Life Insurance
Chief Engineer Employees Co-Operative Housing Society Lahore.

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

Client Reference: Nil

SOM Lab

Ref: 192 (Page-1/1)

Dated: 18-04-2022

Dated: 18-04-2022

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type: Deformed Bar

ASTM-A-615

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	2.652	8	0.996	0.79	0.779	26.66	33.46	74420	75470	93400	94720	1.30	8.0	16.3	
2	2.643	8	0.995	0.79	0.777	27.62	34.45	77120	78410	96190	97800	1.20	8.0	15.0	
3	1.477	6	0.743	0.44	0.434	16.11	19.90	80730	81850	99740	101120	1.30	8.0	16.3	
4	1.477	6	0.743	0.44	0.434	16.26	20.05	81500	82620	100500	101890	1.20	8.0	15.0	
5	0.671	4	0.501	0.20	0.197	7.36	8.77	81160	82400	96670	98140	1.10	8.0	13.8	
6	0.655	4	0.494	0.20	0.192	6.98	8.72	77000	80210	96110	100120	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

Muhammad Awais Khan

Test Performed By:

Dr. /Engr.

S Asad Ali Gillani

FM (Works Div) Lahore.(Const Of Boundary Wall Around 18-Acres & 5M Of Land At KSK Lahore)

Client Reference: 63301(008)Works/Div/SRDC-L

SOM Lab

Ref:

194 (Page-1/1)

Dated: 04-04-2022

Dated:

14-04-2022

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	0.692	4	0.508	0.20	0.203	7.05	9.12	77790	76640	100610	99120	1.30	8.0	16.3	
2	0.665	4	0.498	0.20	0.195	6.85	9.09	75540	77480	100270	102840	1.30	8.0	16.3	
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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

