

Engr. Zaheer Ud Din Babar

Test Performed By:

Dr. /Engr.

Nauman Khurram

Dy. General Manager Projects.HRL Engineering (Pvt.) Ltd.(Const Of sky Gardens Tower,Lahore)

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Client Reference: HRLE/SKG/2022/073/2239

SOM Lab Ref:

1/1)

Dated: 11-10-2022

Dated:

12-10-2022

Test: Tension Test

Test Specification:

ASTM-A-615

Guage Length: 200 mm

Sample Type:

MS Deformed Bar (Afco 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	3.782	25	24.77	491	482	268.20	350.70	546	557	714	728	35.0	200	17.5	
2	3.809	25	24.86	491	485	227.20	352.20	463	469	717	726	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

Arfan Nazir

Test Performed By:

Dr. /Engr.

Nuaman Khurram

Manager Civil, Nishat Mills Ltd. Lahore. (Nishat Group) (Const Of Nishat Stitching Bath div Lahore)

1070 (Page-

1/2)

Client Reference: NDF/ST/007

SOM Lab Ref:

Dated: 12-10-2022

Dated:

12-10-2022

Test: Tension Test

Test Specification:

ASTM-A-615

Guage Length: 200 mm

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)				
	kg/m	mm	mm	mm ²	mm ²	kN	kN	MPa	MPa	MPa	MPa	mm	mm	%	
1	3.970	25	25.38	491	506	244.20	315.70	497	483	643	624	37.5	200	18.8	
2	3.904	25	25.16	491	497	246.00	329.50	501	495	671	663	30.0	200	15.0	
3	1.557	16	15.89	201	198	98.50	124.20	490	497	618	627	32.5	200	16.3	
4	1.545	16	15.83	201	197	99.00	125.50	493	503	624	638	32.5	200	16.3	
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Witnessed By: Ammad Hassan

BEND TEST:

25mm	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

Arfan Nazir

Test Performed By:

Dr. /Engr.

Nuaman Khurram

Manager Civil, Nishat Mills Ltd. Lahore. (Nishat Group) (Const Of Nishat Stitching Bath div Lahore)

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2/2)

Client Reference: NDF/ST/006

SOM Lab Ref:

Dated: 12-10-2022

Dated:

12-10-2022

Test: Tension Test

Test Specification:

ASTM-A-615

Guage Length: 200 mm

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)				
	kg/m	mm	mm	mm ²	mm ²	kN	kN	MPa	MPa	MPa	MPa	mm	mm	%	
1	3.810	25	24.85	491	485	264.20	333.70	538	545	680	689	32.5	200	16.3	
2	3.797	25	24.82	491	484	257.50	330.50	524	533	673	684	27.5	200	13.8	
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Witnessed By:

Ammad Hassan

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

Muhammad Iftikhar Talib, RE

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

Dongil Engg Consul Co(Const Of Additional 2-Lane Carriageway From Ratodero To Shikarpur Sec-2)

1072 (Page-

Client Reference: Re/RS/S-2/N55/LB/845/A

SOM Lab Ref: 1/1)

Dated: 04-10-2022

Dated: 12-10-2022

Test: Tension Test

Test Specification: ASTM-A-615

Guage Length: 200 mm

Sample Type: MS 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)				
	kg/m	mm	mm	mm ²	mm ²	kN	kN	MPa	MPa	MPa	MPa	mm	mm	%	
1	3.964	25	25.36	491	505	247.20	349.70	503	490	712	693	32.5	200	16.3	
2	3.963	25	25.35	491	505	249.00	352.20	507	494	717	698	32.5	200	16.3	
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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

M.Asad Naseer,Maj

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

PO Qadirabad Garrison.(Const Of 2x Blocks (Pre Sec & JNR Sec) At Qadirabad Garrison)

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Client Reference: APS/Qbd/01

SOM Lab Ref:

Dated: 11-10-2022

Dated:

12-10-2022

Test: Tension Test

Test Specification:

ASTM-A-615

Guage Length: 200 mm

Sample Type:

MS 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)				
	kg/m	mm	mm	mm ²	mm ²	kN	kN	MPa	MPa	MPa	MPa	mm	mm	%	
1	3.875	25	25.08	491	494	282.20	356.20	575	572	725	722	35.0	200	17.5	
2	3.881	25	25.09	491	494	271.70	348.50	553	550	710	705	35.0	200	17.5	
3	2.232	19	19.03	284	284	157.50	185.50	555	554	653	653	30.0	200	15.0	
4	2.232	19	19.03	284	284	162.00	189.20	570	570	666	666	32.5	200	16.3	
5	2.241	19	19.07	284	286	169.50	202.50	597	594	713	710	32.5	200	16.3	
6	2.236	19	19.04	284	285	160.20	194.20	564	563	684	682	30.0	200	15.0	
7	0.927	12	12.26	113	118	69.00	83.20	611	585	736	705	30.0	200	15.0	
8	0.923	12	12.24	113	118	68.20	82.50	604	580	730	702	32.5	200	16.3	
9	0.925	12	12.25	113	118	68.20	81.20	604	579	719	689	30.0	200	15.0	
10	0.919	12	12.21	113	117	65.00	78.00	575	556	690	667	30.0	200	15.0	

BEND TEST:

25mm	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Fifteen Samples Received and Tested
19mm	Sample bend through 180 degrees Satisfactorily without any crack	
19mm	Sample bend through 180 degrees Satisfactorily without any crack	
12mm	Sample bend through 180 degrees Satisfactorily without any crack	
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

Wajid Mehmood

Test Performed By:

Dr. /Engr.

Wasim Abbas

RE Nespak Lhr.(Const Of LDA City Naya Pakistan Apartments Lahore Part-03 & Part-06)

Client Reference: 4047/13/WN/09-III/221

SOM Lab 1064 (Page-

Ref: 1/1)

Dated: 06-10-2022

Dated: 12-10-2022

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (Al-FATAH 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	2.653	8	0.997	0.79	0.780	23.80	33.86	66450	67300	94540	95750	1.50	8.0	18.8	
2	2.634	8	0.993	0.79	0.774	24.57	34.07	68590	70000	95110	97070	1.50	8.0	18.8	
3	1.501	6	0.749	0.44	0.441	14.32	20.05	71790	71630	100500	100280	1.40	8.0	17.5	
4	1.508	6	0.751	0.44	0.443	13.73	19.93	68830	68360	99890	99220	1.60	8.0	20.0	
5	0.676	4	0.503	0.20	0.199	6.34	8.38	69920	70270	92400	92870	1.20	8.0	15.0	
6	0.671	4	0.501	0.20	0.197	6.09	8.28	67110	68130	91280	92670	1.30	8.0	16.3	
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BEND TEST:

Sr.# (1-2) Sample bend through 180 degrees Satisfactorily without any crack

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:-Only Twelve Samples
Received and TestedNote: Please always confirm the results of above report on web www.uet-civil.edu.pk

Ehsan-Ullah-Saad

Test Performed By:

Dr. /Engr. Wasim Abbas

PM Zaheer Associate.(Plaza # 74&75 Al-Rehman Garden Ph-II Lahore)

Client Reference: Z.A/A.R/31-22

SOM Lab 1065 (Page-

Ref: 1/2)

Dated: 10-10-2022

Dated: 10-10-2022

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	1.467	6	0.741	0.44	0.431	13.05	18.37	65400	66770	92070	94000	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

Ehsan-Ullah-Saad

Test Performed By:

Dr. /Engr. Wasim Abbas

PM Zaheer Associate.(Plaza # 74&75 Al-Rehman Garden Ph-II Lahore)

Client Reference: Z.A/A.R/32-22

SOM Lab 1065 (Page-

Ref: 2/2)

Dated: 10-10-2022

Dated: 10-10-2022

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (Ravi 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	0.674	4	0.502	0.20	0.198	5.96	8.00	65760	66430	88240	89130	1.20	8.0	15.0	
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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

Zahid Mughal
C/O M/S Amanah Noor Residence Wapda Town, Lahore.

Test Performed By: Dr. /Engr. Wasim Abbas

Client Reference: Nil

SOM Lab 1066 (Page-

Ref: 1/1)

Dated: 12-10-2022

Dated: 12-10-2022

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	2.608	8	0.988	0.79	0.766	24.92	34.76	69580	71760	97040	100080	1.40	8.0	17.5	
2	1.479	6	0.744	0.44	0.435	15.14	20.29	75880	76750	101680	102850	1.20	8.0	15.0	
3	0.650	4	0.493	0.20	0.191	6.39	8.46	70480	73800	93300	97700	1.10	8.0	13.8	
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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

Sub Divisional officer,

Test Performed By:

Dr. /Engr. Wasim Abbas

HSD No.1,Gujrat.(Dualization Of Rd From Shadiwal to Chak Gillan L 16.50Km Distt Gujrat)

Client Reference: 68/GTI

SOM Lab 1067 (Page-

Ref: 1/1)

Dated: 09-03-2022

Dated: 12-10-2022

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	1.517	6	0.754	0.44	0.446	13.07	19.75	65510	64620	98970	97640	1.40	8.0	17.5	
2	1.520	6	0.754	0.44	0.447	12.79	19.54	64130	63120	97950	96420	1.30	8.0	16.3	
3	0.678	4	0.503	0.20	0.199	5.73	7.24	63180	63490	79810	80210	1.20	8.0	15.0	
4	0.672	4	0.501	0.20	0.197	6.93	9.17	76440	77600	101170	102710	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

Mehran Haider Leel
Incharge QA/QC Ikan Engg Services Pvt.Ltd Lahore.

Test Performed By: Dr. /Engr. Wasim Abbas

Client Reference: IK-2833-04 Hundai Motor

SOM Lab 1071 (Page-

Ref: 1/1)

Dated: 12-10-2022

Dated: 12-10-2022

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	0.612	4	0.479	0.20	0.180	4.89	7.21	53960	59950	79470	88300	1.40	8.0	17.5	
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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

Li Shi, Manager

Test Performed By:

Dr. /Engr. Asad Ali Gillani

Sinohydro Corporation Ltd.(220 Kv Transmission Lines associated With Lahore North substation)

Client Reference: ABD-301B/2018/541

SOM Lab 1074 (Page-

Ref: 1/1)

Dated: 05-10-2022

Dated: 12-10-2022

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (Batala Premium)

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	2.635	8	0.993	0.79	0.774	24.28	35.78	67790	69190	99890	101950	1.20	8.0	15.0	
2	2.616	8	0.990	0.79	0.769	23.85	35.17	66590	68410	98180	100860	1.40	8.0	17.5	
3	1.500	6	0.749	0.44	0.441	15.96	20.29	80020	79840	101680	101450	1.40	8.0	17.5	
4	1.486	6	0.746	0.44	0.437	15.97	20.29	80070	80620	101680	102380	1.30	8.0	16.3	
5	0.648	4	0.492	0.20	0.190	5.45	7.44	60140	63310	82060	86380	1.40	8.0	17.5	
6	0.655	4	0.494	0.20	0.192	5.76	7.72	63510	66160	85100	88640	1.10	8.0	13.8	
7	0.624	4	0.483	0.20	0.183	4.76	6.95	52500	57370	76660	83790	1.50	8.0	18.8	
8	0.646	4	0.492	0.20	0.190	4.86	7.24	53620	56440	79810	84010	1.80	8.0	22.5	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

Witnessed By: Asad Nawab, Sr Engr. (Barqaab)

BEND TEST:

# 8	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Twelve Samples Received and Tested
# 6	Sample bend through 180 degrees Satisfactorily without any crack	
# 4	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. Muhammad Kashif Saeed

Test Performed By:

Dr. /Engr.

Wasim Abbas

P & Co Engr. Muhammad Ramzan Const. (Bopet Film Line (Novatex) Sheikhpura)(Ph-II)

Client Reference: MRC/P-43-II/STEEL-01

SOM Lab

1075 (Page-

Ref:

1/1)

Dated: 06-10-2022

Dated:

12-10-2022

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	2.671	8	1.000	0.79	0.785	25.25	34.93	70490	70940	97530	98150	1.30	8.0	16.3	
2	2.707	8	1.007	0.79	0.796	26.37	36.31	73620	73070	101370	100600	1.50	8.0	18.8	
3	1.517	6	0.754	0.44	0.446	13.61	19.83	68210	67300	99380	98040	1.50	8.0	18.8	
4	1.519	6	0.754	0.44	0.446	13.66	20.03	68470	67550	100400	99050	1.50	8.0	18.8	
5	0.667	4	0.500	0.20	0.196	6.24	8.87	68800	70200	97800	99790	1.50	8.0	18.8	
6	0.668	4	0.500	0.20	0.196	6.29	8.66	69360	70770	95550	97500	1.50	8.0	18.8	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

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

Qaisar Zulfiqar

Test Performed By:

Dr. /Engr.

Wasim Abbas

XEN GE(Army)-II Okara.(Const Of 6xD Type Flates Block (G+2),HQ 2 ALRG at Okara)

Client Reference: 6000/MT/ 9 /E-6

SOM Lab 1076 (Page-

Ref: 1/1)

Dated: 26-09-2022

Dated: 12-10-2022

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	2.655	8	0.997	0.79	0.780	26.17	35.17	73050	73990	98180	99440	1.50	8.0	18.8	
2	2.667	8	0.999	0.79	0.784	26.61	35.75	74280	74850	99800	100570	1.50	8.0	18.8	
3	1.458	6	0.738	0.44	0.428	13.30	18.30	66680	68550	91720	94290	1.30	8.0	16.3	
4	1.460	6	0.739	0.44	0.429	13.40	18.45	67190	68910	92480	94850	1.40	8.0	17.5	
5	1.016	5	0.617	0.31	0.299	9.94	13.30	70710	73310	94640	98120	1.20	8.0	15.0	
6	1.021	5	0.618	0.31	0.300	9.96	13.35	70860	73220	95000	98170	1.40	8.0	17.5	
7	0.654	4	0.494	0.20	0.192	6.70	8.94	73850	76930	98580	102690	1.30	8.0	16.3	
8	0.655	4	0.494	0.20	0.192	6.70	9.04	73850	76930	99710	103860	1.20	8.0	15.0	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

BEND TEST:

# 8	Sample bend through 180 degrees Satisfactorily without any crack	<p>Note:-</p> <p>Only Twelve Samples Received and Tested</p>
# 6	Sample bend through 180 degrees Satisfactorily without any crack	
# 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

Ahmad Traders
Lahore.

Test Performed By: Dr. /Engr. Wasim Abbas

Client Reference: Nil

SOM Lab 1077 (Page-

Ref: 1/1)

Dated: 12-10-2022

Dated: 12-10-2022

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	2.657	8	0.997	0.79	0.781	28.66	39.37	80030	80950	109910	111170	1.00	8.0	12.5	
2	2.656	8	0.997	0.79	0.781	29.28	39.65	81730	82670	110700	111980	1.00	8.0	12.5	
3	1.398	6	0.723	0.44	0.411	9.73	15.60	48800	52240	78180	83690	1.70	8.0	21.3	
4	1.398	6	0.723	0.44	0.411	9.91	15.92	49670	53170	79810	85440	1.70	8.0	21.3	
5	0.672	4	0.501	0.20	0.197	5.20	7.77	57330	58200	85660	86960	1.70	8.0	21.3	
6	0.672	4	0.501	0.20	0.197	5.12	7.82	56430	57290	86220	87530	1.80	8.0	22.5	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

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

Talha Javaid

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

Planning & Coordination Engineer Construct.(Fairways Commercial Plazas 27 Units Extension)

Client Reference: LT/PCE/PT/221012

SOM Lab 1079 (Page-

Ref: 1/1)

Dated: 12-10-2022

Dated: 12-10-2022

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (Batala 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	2.631	8	0.992	0.79	0.773	22.24	33.81	62100	63460	94400	96470	1.60	8.0	20.0	
2	2.627	8	0.991	0.79	0.772	22.19	33.74	61960	63400	94200	96390	1.40	8.0	17.5	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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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

Test Performed by: .S. Asad Ali Gillani

Muhammad Umer Arif
Account Officer, ASRA Engineering Lahore.

Client Reference No.: Nil

Dated: 12-10-2022

SOM Lab Ref: CED/SOM/1078(Page 1/2)

Dated: 12-10-2022

Test Type: Load Test

Sample Type: Scaffolding Fix Joints For Bolts (1300g)
(Prime Sheet)

Specification: BS 1139

Load Test Results

Sample No.	Sample Type	Ultimate Breaking Load (kN)	Ultimate Breaking Load (Kg)	Remarks
1	Scaffolding Fix Joints for Bolts(1300g) (Tension)	56.50	5760	Joint Breaks At this Load

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

Test Performed by: .S. Asad Ali Gillani

Muhammad Umer Arif
Account Officer, ASRA Engineering Lahore.

Client Reference No.: Nil

Dated: 12-10-2022

SOM Lab Ref: CED/SOM/1078(Page 2/2)

Dated: 12-10-2022

Test Type: Load Test

Sample Type: Scaffolding Fix Joints For Bolts (1100g)
(Prime Sheet)

Specification: BS 1139

Load Test Results

Sample No.	Sample Type	Ultimate Breaking Load (kN)	Ultimate Breaking Load (Kg)	Remarks
1	Scaffolding Fix Joints for Bolts(1100g) (Tension)	54.50	5560	Joint Breaks At this Load

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

