

Electrocraft Engineering
Lahore.

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

Client Reference: Nil
SOM Lab Ref: CED/SOM/902(Page-1/1)
Test: Tension Test
Sample Type: J Bolt

Dated: 12-09-2022
Dated: 12-09-2022
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	3.117	22	22.48	380	397	132.70	188.70	349	335	496	476	52.5	200	26.3	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
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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

Ilyas Majeed Sheikh
 Chairman Eagle Developers.(Project Of Galleria Dream Garden,Lahore)

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

Client Reference: Nil

SOM Lab

Ref: 889 (Page-1/1)

Dated: 12-09-2022

Dated: 12-09-2022

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	2.617	8	0.990	0.79	0.769	25.48	34.51	71150	73090	96330	98960	1.50	8.0	18.8	
2	1.485	6	0.745	0.44	0.436	14.88	19.24	74600	75290	96420	97300	1.20	8.0	15.0	
3	0.614	4	0.479	0.20	0.180	4.56	6.73	50250	55830	74190	82430	1.40	8.0	17.5	
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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

Ahmad Asghar

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

Site Engr. Ejaz & Co (Const Of 10 Bed Guest Room Ext Gymkhana Club Lahore)

Client Reference: EJAZ&CO-GRG-AA-001

SOM Lab

Ref:

890 (Page-1/1)

Dated: 10-09-2022

Dated:

12-09-2022

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	1.534	6	0.758	0.44	0.451	19.26	22.96	96520	94170	115070	112260	1.10	8.0	13.8	
2	1.484	6	0.745	0.44	0.436	14.78	18.88	74090	74770	94630	95500	1.20	8.0	15.0	
3	0.663	4	0.498	0.20	0.195	5.88	9.09	64860	66530	100270	102840	1.20	8.0	15.0	
4	0.666	4	0.500	0.20	0.196	6.03	9.07	66550	67910	100050	102090	1.30	8.0	16.3	
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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

Naveed Ahmad
ME DHA Bahawalpur Cantonment.(Enlistment At DHAB.)

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

Client Reference: 530/QC/MTL
Dated: 12-09-2022
Test: Tension Test & Bend Test
Gauge Length: 8 inch

SOM Lab
Ref: 891 (Page-1/1)
Dated: 12-09-2022
Test Specification: ASTM-A-615
Sample Type: Deformed Bar (Union 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	0.661	4	0.497	0.20	0.194	6.57	8.79	72510	74750	96900	99890	1.10	8.0	13.8	
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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

Sub Divisional officer,

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

BSD No.1 Rahim Yar Khan.(Const Of Record Room In Civil Courts At Rahim Yar Khan)

Client Reference: 187/RYK

SOM Lab

Ref: 892 (Page-2/2)

Dated: 25-08-2022

Dated: 12-09-2022

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	1.461	6	0.739	0.44	0.429	14.07	18.81	70510	72320	94270	96690	1.00	8.0	12.5	
2	0.685	4	0.506	0.20	0.201	5.66	7.59	62390	62080	83750	83330	1.40	8.0	17.5	
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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

Sub Divisional officer,
 BSD No.1 Rahim Yar Khan.(Const Of DC House Rahim Yar Khan)

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

Client Reference: 203/RYK

SOM Lab

Ref: 892 (Page-1/2)

Dated: 30-08-2022

Dated: 12-09-2022

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	1.486	6	0.746	0.44	0.437	14.32	19.29	71790	72280	96670	97340	1.20	8.0	15.0	
2	0.686	4	0.507	0.20	0.202	5.73	8.00	63180	62550	88240	87370	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

Sub Divisional officer,

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

BSD Mailsi.(Const Of 02-Nos additional distt & Session Judges Residences G20 & above at Mailsi)

Client Reference: 828/MLS

SOM Lab

Ref: 893 (Page-1/1)

Dated: 13-06-2022

Dated: 12-09-2022

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	1.434	6	0.732	0.44	0.421	13.68	18.67	68570	71670	93610	97830	1.30	8.0	16.3	
2	0.682	4	0.505	0.20	0.200	5.93	8.07	65420	65420	89030	89030	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

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

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

Client Reference: Nil

SOM Lab

Ref: 894 (Page-1/1)

Dated: 12-09-2022

Dated: 12-09-2022

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	2.763	8	1.017	0.79	0.812	27.52	35.58	76840	74760	99320	96630	1.60	8.0	20.0	
2	1.520	6	0.754	0.44	0.447	13.93	19.34	69850	68760	96930	95410	1.40	8.0	17.5	
3	0.678	4	0.503	0.20	0.199	7.67	10.27	84530	84960	113200	113770	1.00	8.0	12.5	
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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

Ehsan-Ullah-Saad

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

PM Zaheer Associate.(Shapes Health Club Guest House Al-Rehman Garden Ph-II Lahore)

Client Reference: Z.A/A.R/29-22

SOM Lab

Ref: 895 (Page-1/1)

Dated: 07-09-2022

Dated: 12-09-2022

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	2.661	8	0.998	0.79	0.782	28.34	33.74	79120	79920	94200	95160	1.30	8.0	16.3	
2	2.649	8	0.995	0.79	0.778	28.26	33.71	78890	80100	94110	95560	1.20	8.0	15.0	
3	1.488	6	0.746	0.44	0.437	18.14	23.24	90950	91570	116500	117300	1.10	8.0	13.8	
4	1.495	6	0.748	0.44	0.439	18.35	23.52	91970	92180	117880	118140	1.10	8.0	13.8	
5	0.673	4	0.502	0.20	0.198	8.05	8.77	88800	89700	96670	97650	1.20	8.0	15.0	
6	0.671	4	0.501	0.20	0.197	7.72	8.92	85100	86390	98360	99860	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

LT.Col ® Khalid Mehmood Zia

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

RE(ACE),GC Uni,Lhr.(Const W/Of Residence Apartments/Bldg At NewCampus Of GC Uni At Ksk)

Client Reference: GCU/Engr/3002/P

SOM Lab

Ref: 896 (Page-1/1)

Dated: 09-09-2022

Dated: 12-09-2022

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	2.598	8	0.986	0.79	0.763	27.24	34.02	76040	78730	94970	98330	1.10	8.0	13.8	
2	2.584	8	0.983	0.79	0.759	27.34	34.20	76330	79440	95480	99380	1.30	8.0	16.3	
3	1.532	6	0.757	0.44	0.450	14.48	19.16	72560	70940	96060	93930	1.50	8.0	18.8	
4	1.519	6	0.754	0.44	0.446	14.53	19.18	72810	71830	96160	94870	1.50	8.0	18.8	
5	0.678	4	0.503	0.20	0.199	6.85	8.89	75540	75920	98020	98510	1.30	8.0	16.3	
6	0.677	4	0.503	0.20	0.199	7.14	9.14	78690	79080	100830	101340	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

Asif Shahzad

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

Astt Project Engr. Building Section DHA Gujranwala.(Const Of Villas (Block-E)

Client Reference: 111/3/APE Bldgs/GEN/20

SOM Lab

Ref:

898 (Page-1/1)

Dated: 12-09-2022

Dated:

12-09-2022

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

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)				
	lb/ft	#	in	in ²	in ²	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	0.682	4	0.505	0.20	0.200	7.80	9.33	85990	85990	102860	102860	1.00	8.0	12.5	
2	0.670	4	0.501	0.20	0.197	6.90	8.63	76100	77260	95210	96660	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

Waqas Ali
Variant Gulberg 2, Lahore.

Test Performed By: Dr. /Engr. Wasim Abbas

Client Reference: VA/29/39

SOM Lab

Ref: 897 (Page-1/1)

Dated: 12-09-2022

Dated: 12-09-2022

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	2.618	8	0.990	0.79	0.769	30.81	37.26	86000	88350	104010	106860	1.20	8.0	15.0	
2	2.605	8	0.988	0.79	0.766	26.42	32.79	73770	76080	91550	94420	1.20	8.0	15.0	
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-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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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

Tahir Mehmood, Chief Engr

Test Performed By: Dr. /Engr. Rizwan Azam

Zaitoon, New Lahore City. (Const Of O.H.T (Zaitoon City) By Arif Zaman Const Company Lhr)

Client Reference: NLC/CE/0126

SOM Lab

Ref: 899 (Page-1/1)

Dated: 10-09-2022

Dated: 12-09-2022

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	1.515	6	0.753	0.44	0.445	1.31	19.00	6600	6520	95240	94170	1.10	8.0	13.8	
2	1.488	6	0.746	0.44	0.437	1.37	19.59	6850	6900	98210	98880	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

Engr.Syed Muhammad Junaid

Test Performed By:

Dr. /Engr. Asad Ali Gillani

Exec Engr. Uni Of Home Echnomics.(Const of Acadmic Block At Uni Of Home Echnomics Lahore)

Client Reference: UHE/EE/815

SOM Lab

Ref: 900 (Page-1/1)

Dated: 06-09-2022

Dated: 12-09-2022

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	0.600	4	0.473	0.20	0.176	5.68	7.46	62610	71150	82290	93510	1.20	8.0	15.0	
2	0.612	4	0.479	0.20	0.180	5.63	7.49	62050	68950	82620	91800	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