

Engr. Mustafa Ali

Test Performed By: Dr. /Engr.

S. Asad Ali
Gillani

Sr. MC Dream Builders.(Const.Of Apartments Building At 32-P Model Town Ext,Lahore)

Client Reference: DB/CONST-32P/22/419

SOM Lab

Ref: 206 (Page-1/1)

Dated: 19-04-2022

Dated: 20-04-2022

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

ASTM-A-615

Gauge Length: 8 inch

Sample Type: Deformed Bar

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	2.622	8	0.991	0.79	0.771	27.01	34.83	75420	77270	97240	99640	1.30	8.0	16.3	
2	2.633	8	0.993	0.79	0.774	29.36	36.39	81960	83650	101600	103700	1.40	8.0	17.5	
3	0.666	4	0.500	0.20	0.196	7.29	8.99	80370	82010	99150	101170	1.00	8.0	12.5	
4	0.663	4	0.498	0.20	0.195	7.05	8.82	77790	79780	97230	99730	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
# 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. Tajammal Farooq

Test Performed By:

Dr. /Engr. S Asad Ali Gillani

RE (AZEA) QABP Skp.(Const. Of Multi Purpose Complex At Quaid-E-Azam Business Park On M-2)

Client Reference: RE/AZE/MPC-193

SOM Lab

Ref: 207 (Page-1/1)

Dated: 22-02-2022

Dated: 20-04-2022

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (Faizan 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	2.614	8	0.989	0.79	0.768	32.93	39.50	91920	94550	110280	113430	1.20	8.0	15.0	
2	2.586	8	0.984	0.79	0.760	28.41	35.98	79310	82440	100460	104420	1.10	8.0	13.8	
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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

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: 208 (Page-1/1)

Dated: 20-04-2022

Dated: 20-04-2022

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	2.663	8	0.998	0.79	0.783	23.98	33.69	66940	67530	94050	94900	1.50	8.0	18.8	
2	1.508	6	0.751	0.44	0.443	14.24	19.54	71380	70900	97950	97290	1.20	8.0	15.0	
3	0.655	4	0.494	0.20	0.192	6.98	9.12	77000	80210	100610	104800	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

Talha Khalid Khan

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

A/XEN E&M GE Rafiqui.(Estb.Of Avionics "I" Level Test Setup For JF-17 Aircraft At PAF B Rafiqui)

Client Reference: 6547/64/E-6

SOM Lab

Ref: 209 (Page-1/1)

Dated: 19-04-2022

Dated: 20-04-2022

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	2.637	8	0.993	0.79	0.775	25.84	33.18	72140	73540	92630	94420	1.20	8.0	15.0	
2	2.641	8	0.994	0.79	0.776	26.10	33.51	72850	74170	93540	95230	1.40	8.0	17.5	
3	1.505	6	0.750	0.44	0.442	17.09	20.74	85690	85300	103980	103510	1.10	8.0	13.8	
4	1.509	6	0.751	0.44	0.443	17.04	20.61	85430	84850	103310	102620	1.10	8.0	13.8	
5	1.042	5	0.624	0.31	0.306	10.67	13.32	75930	76920	94790	96030	1.30	8.0	16.3	
6	1.037	5	0.623	0.31	0.305	11.06	13.46	78690	79980	95730	97300	1.20	8.0	15.0	
7	0.668	4	0.500	0.20	0.196	7.49	9.09	82620	84310	100270	102320	1.00	8.0	12.5	
8	0.667	4	0.500	0.20	0.196	7.82	9.48	86220	87980	104540	106670	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
# 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

Talha Khalid Khan

Test Performed By: Dr. /Engr. Waseem Abbas

A/XEN E&M GE Rafiqui.(Ext. Of No.14 MR Sqh HQ Building At PAF Base Rafiqui)

Client Reference: 6529/45/E-6

SOM Lab

Ref: 210 (Page-1/1)

Dated: 19-04-2022

Dated: 20-04-2022

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	2.634	8	0.993	0.79	0.774	26.40	33.79	73710	75230	94340	96290	1.60	8.0	20.0	
2	2.639	8	0.994	0.79	0.776	26.47	33.76	73910	75240	94250	95950	1.40	8.0	17.5	
3	1.505	6	0.750	0.44	0.442	16.18	20.08	81090	80720	100660	100200	1.20	8.0	15.0	
4	1.511	6	0.752	0.44	0.444	16.13	19.98	80830	80110	100150	99250	1.10	8.0	13.8	
5	0.664	4	0.498	0.20	0.195	7.34	9.38	80940	83010	103420	106070	0.90	8.0	11.3	
6	0.663	4	0.498	0.20	0.195	7.24	9.28	79810	81860	102290	104920	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

Innovative ® Construction
 Company
 Lahore.(Project "Friday Foods Faisalabad")

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

Client Reference: ICL/NF/FFF/01/02

SOM Lab

Ref: 211 (Page-1/1)

Dated: 20-04-2022

Dated: 20-04-2022

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	2.623	8	0.991	0.79	0.771	23.21	32.33	64800	66400	90270	92490	1.10	8.0	13.8	
2	2.597	8	0.986	0.79	0.763	22.75	33.94	63520	65770	94770	98120	1.10	8.0	13.8	
3	0.666	4	0.500	0.20	0.196	7.67	9.38	84530	86260	103420	105530	1.10	8.0	13.8	
4	0.666	4	0.500	0.20	0.196	7.65	9.35	84310	86030	103080	105180	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
# 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 Usama

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

RE Nespak.(Const Of Boys,Girls & Bachelor Faculty Hostel at New Campus Of Ghazi Uni,D G Khan)

Client Reference: 4026/325/MU/Misc/20

SOM Lab

Ref: 212 (Page-1/1)

Dated: 19-04-2022

Dated: 20-04-2022

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	1.477	6	0.743	0.44	0.434	15.67	21.36	78530	79620	107040	108520	1.30	8.0	16.3	
2	1.476	6	0.743	0.44	0.434	15.60	21.48	78180	79260	107660	109150	1.20	8.0	15.0	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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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

Sub Divisional officer,

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

BSD No.10 Lhr.(Residence.Accomo For Police Officer BS-18-19=02 Nos & BS-20 & Above= 03Nos)

Client Reference: 1288/10th

SOM Lab

Ref: 213 (Page-1/1)

Dated: 19-02-2022

Dated: 20-04-2022

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	2.590	8	0.984	0.79	0.761	23.19	32.33	64740	67210	90270	93710	1.60	8.0	20.0	
2	2.576	8	0.982	0.79	0.757	22.75	33.94	63520	66290	94770	98900	1.50	8.0	18.8	
3	1.506	6	0.751	0.44	0.443	14.60	20.36	73170	72670	102040	101350	1.10	8.0	13.8	
4	1.489	6	0.747	0.44	0.438	15.57	19.75	78020	78380	98970	99420	1.20	8.0	15.0	
5	0.661	4	0.497	0.20	0.194	6.44	8.79	71040	73240	96900	99890	1.30	8.0	16.3	
6	0.668	4	0.500	0.20	0.196	6.42	8.89	70820	72270	98020	100020	1.30	8.0	16.3	
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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

Professional Const.Services

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

Lahore.(TCF Secondary School (Ext.) at AES Lalpir Qasba Gjratt Muzaffargarh)

Client Reference: PCS/22/Eng-36-D

SOM Lab

Ref:

214 (Page-1/3)

Dated: 14-04-2022

Dated:

20-04-2022

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	2.566	8	0.980	0.79	0.754	23.11	31.86	64520	67600	88930	93180	1.60	8.0	20.0	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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BEND TEST:

# 8	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

Professional Const.Services

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

Lahore.(TCF Secondary School (Ext.) at AES Lalpir Qasba Gjrat Muzaffargarh)

Client Reference: PCS/22/Eng-36-C

SOM Lab

Ref:

214 (Page-2/3)

Dated: 14-04-2022

Dated:

20-04-2022

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	1.544	6	0.760	0.44	0.454	16.79	21.17	84160	81560	106130	102850	1.00	8.0	12.5	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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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

Professional Const.Services

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

Lahore.(TCF Secondary School (Ext.) at AES Lalpir Qasba Gjrat Muzaffargarh)

Client Reference: PCS/22/Eng-36-B

SOM Lab

Ref:

214 (Page-3/3)

Dated: 14-04-2022

Dated:

20-04-2022

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	0.710	4	0.516	0.20	0.209	7.21	8.74	79470	76050	96340	92190	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

Safdar Hussain

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

RE ACE, Danish School Mankera. (Estb Of Daanish School (Boys & Girls) At Mankera Distt. Bhakkar)

Client Reference: ACE/RE-PDS/MNK/BHK/22/508

SOM Lab

Ref: 215 (Page-1/1)

Dated: 29-03-2022

Dated: 20-04-2022

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	1.500	6	0.749	0.44	0.441	14.04	19.80	70360	70200	99230	99000	1.30	8.0	16.3	
2	1.473	6	0.743	0.44	0.433	14.39	19.69	72150	73310	98720	100310	1.20	8.0	15.0	
3	1.014	5	0.616	0.31	0.298	9.38	13.37	66720	69410	95150	98980	1.30	8.0	16.3	
4	1.016	5	0.617	0.31	0.299	9.40	13.61	66870	69330	96820	100380	1.40	8.0	17.5	
5	0.660	4	0.497	0.20	0.194	7.00	10.30	77230	79620	113530	117040	0.90	8.0	11.3	
6	0.671	4	0.501	0.20	0.197	6.80	9.14	74980	76120	100830	102370	1.10	8.0	13.8	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
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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. Shafiq Ahmed

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

RE, New Vision Engineering Consultant, Lhr.(Const Of ARC Furnace Foundation Room,Control Panel)

Client Reference: NVEC/RE/R-way/22/24

SOM Lab

Ref: 216 (Page-1/1)

Dated: 18-04-2022

Dated: 20-04-2022

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type: Deformed Bar (Super Asia 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	1.497	6	0.748	0.44	0.440	16.08	20.66	80580	80580	103570	103570	1.40	8.0	17.5	
2	1.498	6	0.748	0.44	0.440	15.85	20.46	79450	79450	102550	102550	1.20	8.0	15.0	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
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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