

Executive Engineer,

Test Performed By:

Dr. /Engr. Asad Ali Gillani

HD,Hafizabad.(Dualiz Of Grw To M-2 Interchange At Kot Sarwar Via Hafizabad KM No 6.20 to 80.45)

Client Reference: 85/MCB

SOM Lab

5911 (Page-

Ref:

1/2)

Dated: 15-01-2022

Dated:

22-02-2022

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	2.679	8	1.001	0.79	0.787	27.17	35.90	75840	76130	100230	100610	1.00	8.0	12.5	
2	2.676	8	1.000	0.79	0.786	27.49	35.98	76750	77140	100460	100970	1.00	8.0	12.5	
3	2.713	8	1.007	0.79	0.797	27.62	36.34	77120	76450	101450	100560	1.30	8.0	16.3	
4	1.507	6	0.751	0.44	0.443	15.39	19.39	77160	76630	97180	96530	1.30	8.0	16.3	
5	1.505	6	0.750	0.44	0.442	15.26	19.49	76490	76150	97690	97250	1.40	8.0	17.5	
6	1.547	6	0.761	0.44	0.455	15.01	19.11	75210	72730	95800	92650	1.20	8.0	15.0	
7	0.676	4	0.503	0.20	0.199	7.00	9.40	77230	77610	103640	104160	1.20	8.0	15.0	
8	0.686	4	0.507	0.20	0.202	6.95	9.33	76660	75910	102860	101840	1.10	8.0	13.8	
9	0.684	4	0.506	0.20	0.201	6.95	9.40	76660	76280	103640	103130	1.20	8.0	15.0	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

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	

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

Executive Engineer,

Test Performed By:

Dr. /Engr. Asad Ali Gillani

HD,Hafizabad.(Dualiz Of Grw To M-2 Interchange At Kot Sarwar Via Hafizabad KM No 6.20 to 80.45)

Client Reference: 113/MCB

SOM Lab 5911 (Page-

Ref: 2/2)

Dated: 22-01-2022

Dated: 22-02-2022

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	2.691	8	1.004	0.79	0.791	27.44	36.14	76610	76510	100880	100760	1.30	8.0	16.3	
2	2.767	8	1.017	0.79	0.813	27.37	36.14	76410	74250	100880	98030	1.30	8.0	16.3	
3	2.693	8	1.004	0.79	0.791	27.68	36.16	77270	77170	100940	100810	1.20	8.0	15.0	
4	1.509	6	0.751	0.44	0.443	15.34	19.42	76900	76380	97340	96680	1.30	8.0	16.3	
5	1.507	6	0.751	0.44	0.443	15.55	19.72	77920	77390	98870	98200	1.30	8.0	16.3	
6	1.502	6	0.749	0.44	0.441	15.34	19.54	76900	76730	97950	97730	1.20	8.0	15.0	
7	0.659	4	0.497	0.20	0.194	6.85	9.30	75540	77880	102520	105690	1.20	8.0	15.0	
8	0.665	4	0.498	0.20	0.195	6.78	9.19	74750	76670	101390	103990	1.10	8.0	13.8	
9	0.672	4	0.501	0.20	0.197	6.75	9.28	74420	75550	102290	103850	0.90	8.0	11.3	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

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	

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

SOM Lab 5915 (Page-

Ref: 1/1)

Dated: 16-02-2022

Dated: 22-02-2022

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	1.528	6	0.756	0.44	0.449	15.62	22.83	78280	76710	114450	112160	1.20	8.0	15.0	
2	1.515	6	0.753	0.44	0.445	15.35	22.40	76950	76090	112260	110990	0.90	8.0	11.3	
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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

Engr. Bilal Ahmad
 PM Dogar Associates.(Jahangir Muggo Residence-02)

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

Client Reference: Nil

SOM Lab Ref: 5916 (Page-1/1)

Dated: 21-02-2022

Dated: 22-02-2022

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	2.653	8	0.997	0.79	0.780	29.12	36.11	81310	82350	100800	102090	1.20	8.0	15.0	
2	2.622	8	0.991	0.79	0.771	29.10	36.21	81250	83250	101080	103570	1.30	8.0	16.3	
3	1.580	6	0.769	0.44	0.464	14.07	18.27	70510	66870	91560	86830	1.00	8.0	12.5	
4	1.576	6	0.768	0.44	0.463	13.99	18.20	70100	66620	91210	86680	1.00	8.0	12.5	
5	0.664	4	0.498	0.20	0.195	6.49	8.43	71610	73440	92960	95350	1.20	8.0	15.0	
6	0.657	4	0.496	0.20	0.193	6.19	8.26	68230	70710	91050	94350	1.10	8.0	13.8	
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-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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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 Irfan

Test Performed By: Dr. /Engr. Yousaf

Project Engr. DHA Gujranwala.(Deputy General Manager(Works0 HRL,GHA Gwa)

Client Reference: 111/15/PE/RS/Pkg-2B/104

SOM Lab 5917 (Page-

Ref: 1/1)

Dated: 21-02-2022

Dated: 22-02-2022

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

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	2.593	8	0.985	0.79	0.762	26.36	33.44	73590	76300	93340	96770	1.00	8.0	12.5	
2	2.591	8	0.984	0.79	0.761	23.31	31.40	65090	67570	87650	90990	1.10	8.0	13.8	
3	1.506	6	0.751	0.44	0.443	13.76	18.06	68980	68510	90540	89930	1.40	8.0	17.5	
4	1.491	6	0.747	0.44	0.438	13.68	17.86	68570	68880	89520	89930	1.50	8.0	18.8	
5	0.698	4	0.511	0.20	0.205	7.19	9.02	79250	77320	99480	97060	1.20	8.0	15.0	
6	0.668	4	0.500	0.20	0.196	6.93	8.72	76440	78000	96110	98070	1.20	8.0	15.0	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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Witnessed By: Abdul Rehman

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

Sub Divisional officer,

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

HSD Lalain.(Const. Of Rd From Dawar To Ahmad Nagar In Tehsil Lalian Distt. Chiniot L=4Km)

Client Reference: 710/L

SOM Lab 5918 (Page-

Ref: 1/1)

Dated: 13-01-2022

Dated: 22-02-2022

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	0.878	5	0.573	0.31	0.258	7.34	10.45	52220	62740	74340	89320	1.20	8.0	15.0	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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BEND TEST:

# 5	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

Tauheed Mobashir
C/O M/S Amanah Noor Residence Wapda Town, Lahore.

Test Performed By: Dr. /Engr. Bilal

Client Reference: Nil

SOM Lab Ref: 5919 (Page-1/1)

Dated: 22-02-2022

Dated: 22-02-2022

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	1.524	6	0.755	0.44	0.448	15.39	20.71	77160	75780	103830	101970	1.30	8.0	16.3	
2	0.687	4	0.507	0.20	0.202	7.56	9.40	83410	82580	103640	102620	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

Muddasir Ali
Lahore.

Test Performed By: Dr. /Engr. Bilal

Client Reference: Nil

SOM Lab 5920 (Page-

Ref: 1/1)

Dated: 22-02-2022

Dated: 22-02-2022

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	2.658	8	0.997	0.79	0.781	24.28	33.13	67790	68570	92490	93560	1.30	8.0	16.3	
2	2.034	7	0.873	0.60	0.598	19.47	27.19	71570	71810	99930	100270	1.30	8.0	16.3	
3	1.638	6	0.783	0.44	0.481	15.29	20.97	76640	70110	105100	96140	1.30	8.0	16.3	
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BEND TEST:

# 8	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Six Samples Received and Tested
# 7	Sample bend through 180 degrees Satisfactorily without any crack	
# 6	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.Abdul Abdul Basit
 Vision Group,Lahore.(Parkview Apartments)

Test Performed By: Dr. /Engr. Bilal

Client Reference: CIV/001/22022022

SOM Lab Ref: 5921 (Page-1/1)

Dated: 22-02-2022

Dated: 22-02-2022

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	24.59	34.53	68640	70790	96390	99410	1.20	8.0	15.0	
2	2.625	8	0.991	0.79	0.771	24.79	33.35	69210	70920	93120	95410	1.30	8.0	16.3	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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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

Barkallah Tahir, PE

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

RE Sitara Heights.(Sitara 3-Jays Tower Firdous Market Lahore)

Client Reference: SHPL/3JAYS/LHR/04

SOM Lab

5922 (Page-

Ref:

1/1)

Dated: 21-02-2022

Dated:

22-02-2022

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	2.626	8	0.991	0.79	0.772	26.22	33.84	73200	74900	94480	96680	1.20	8.0	15.0	
2	2.651	8	0.996	0.79	0.779	26.32	33.15	73480	74520	92550	93850	1.50	8.0	18.8	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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Witnessed By: M.Fayyaz Rasul (Site Engr)

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

Muhammad Zahid Abbas

Test Performed By:

Dr. /Engr. Bilal

CM TGC Builders.(Project: The Grand Central Mall, TGC, Faisalabad)

Client Reference: CM/TGC/Faisalabad

SOM Lab 5923 (Page-

Ref: 1/1)

Dated: 22-02-2022

Dated: 22-02-2022

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

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)				
	lb/ft	#	in	in ²	in ²	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	2.587	8	0.984	0.79	0.760	26.96	34.53	75270	78240	96390	100190	1.20	8.0	15.0	
2	2.598	8	0.986	0.79	0.763	26.17	33.86	73050	75640	94540	97880	1.40	8.0	17.5	
3	1.690	6	0.795	0.44	0.497	15.97	20.49	80070	70890	102700	90920	1.00	8.0	12.5	
4	1.653	6	0.787	0.44	0.486	16.23	20.80	81340	73650	104230	94370	1.00	8.0	12.5	
5	1.060	5	0.630	0.31	0.312	10.12	13.56	72020	71550	96460	95840	1.00	8.0	12.5	
6	1.054	5	0.628	0.31	0.310	10.14	13.48	72160	72160	95880	95880	1.00	8.0	12.5	
7	0.584	4	0.468	0.20	0.172	5.73	7.59	63180	73460	83750	97380	0.90	8.0	11.3	
8	0.591	4	0.471	0.20	0.174	5.83	7.70	64300	73910	84870	97550	0.90	8.0	11.3	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

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

Muhammad Saleh Morio

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

RE AZEA Mwl & Bhakkar (Dualization Of Rd From Jahaz Chowk To EidGah Chowk Including Bridge)

Client Reference: AZEA/MWL/BKR/City/LAB/UET/024

SOM Lab

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Ref:

1/1)

Dated: 15-02-2022

Dated:

22-02-2022

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	0.648	4	0.492	0.20	0.190	5.15	7.54	56770	59760	83180	87560	1.50	8.0	18.8	
2	0.657	4	0.496	0.20	0.193	5.12	7.54	56430	58480	83180	86200	1.50	8.0	18.8	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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