

Zia Mahiyuddin

Test Performed By:

Dr. /Engr.

S.Asad Ali Gillani

Ijaz Const. Company.Multan.(Naubahar Bottling Company (Pvt) Ltd. Shadoki Unit III)

Client Reference: Nil**Dated:** 16-03-2022**SOM Lab Ref:** CED/SOM/1946(Page-1/1)**Dated:** 16-03-2022**Test:** Tension Test & Bend Test**Test Specification:** ASTM-A 615**Sample Type:** M S 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	3.851	25	25.00	491	491	256.00	333.00	522	522	678	679	37.5	200	18.8	
2	2.253	16	19.12	201	287	139.00	183.50	691	485	913	640	37.5	200	18.8	
3	0.890	12	12.01	113	113	52.00	75.20	460	459	665	664	37.5	200	18.8	
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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	
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

Muhammad Akhtar Brigadier ®
 PD New Metro City Housing Scheme, Sara-I-Alamgir

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

Client Reference: BSM/NMC/QA/109

SOM Lab

Ref: 1938 (Page-1/1)

Dated: 15-03-2023

Dated: 16-03-2023

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	1.048	5	0.626	0.31	0.308	11.77	14.75	83760	84310	104940	105620	1.20	8.0	15.0	Ittefaq
2	0.672	4	0.501	0.20	0.197	6.49	8.51	71610	72700	93860	95290	1.20	8.0	15.0	FF
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BEND TEST:

# 5	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

Engineer Muhammad Irfan
Asst Dir Infra. DHA Gujranwala.(Sector C)

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

Client Reference: 111/15/AD/RS/Lab/Pkg-2A/1199

SOM Lab

Ref: 1939 (Page-1/1)

Dated: 08-03-2023

Dated: 16-03-2023

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (Nomee 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	2.659	8	0.997	0.79	0.781	25.64	33.54	71570	72400	93630	94710	1.30	8.0	16.3	
2	2.631	8	0.992	0.79	0.773	24.97	32.77	69720	71260	91490	93510	1.60	8.0	20.0	
3	1.477	6	0.743	0.44	0.434	14.19	19.95	71130	72110	99990	101380	1.30	8.0	16.3	
4	1.481	6	0.744	0.44	0.435	15.41	21.02	77260	78150	105360	106570	1.00	8.0	12.5	
5	0.671	4	0.501	0.20	0.197	5.35	7.90	59020	59920	87120	88450	1.20	8.0	15.0	
6	0.669	4	0.501	0.20	0.197	5.45	8.00	60140	61060	88240	89590	1.40	8.0	17.5	
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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

Asia Poultry Feeds (Pvt) Ltd.
Lahore.

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

Client Reference: Nil

SOM Lab

Ref: 1940 (Page-1/1)

Dated: 16-03-2023

Dated: 16-03-2023

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	1.497	6	0.748	0.44	0.440	15.06	19.88	75470	75470	99640	99640	1.30	8.0	16.3	
2	1.496	6	0.748	0.44	0.440	15.06	19.98	75470	75470	100150	100150	1.50	8.0	18.8	
3	0.653	4	0.494	0.20	0.192	6.12	8.58	67450	70260	94650	98590	1.20	8.0	15.0	
4	0.654	4	0.494	0.20	0.192	6.14	8.53	67670	70490	94090	98010	1.40	8.0	17.5	
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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

Engr. Naveed Sadiq
RE Orbit Housing.Lahore.(The Springs Apartment Homes)

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

Client Reference: Nil

SOM Lab

Ref: 1941 (Page-1/1)

Dated: 16-03-2023

Dated: 16-03-2023

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	2.632	8	0.992	0.79	0.773	23.62	33.49	65940	67390	93490	95540	1.20	8.0	15.0	
2	2.639	8	0.994	0.79	0.776	23.16	32.87	64660	65830	91780	93430	1.30	8.0	16.3	
3	1.472	6	0.743	0.44	0.433	14.73	20.59	73830	75030	103210	104880	1.20	8.0	15.0	
4	1.476	6	0.743	0.44	0.434	14.70	20.69	73680	74700	103720	105160	1.10	8.0	13.8	
5	0.672	4	0.501	0.20	0.197	7.39	9.86	81500	82740	108700	110360	1.30	8.0	16.3	
6	0.670	4	0.501	0.20	0.197	7.46	9.96	82290	83540	109820	111500	1.40	8.0	17.5	
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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

Javid Iqbal
Riz Builders Lahore.(Din Plaza ,Johar Town Lahore)

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

Client Reference: Nil

SOM Lab

Ref: 1942 (Page-1/1)

Dated: 16-03-2023

Dated: 16-03-2023

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	2.469	8	0.961	0.79	0.726	24.49	32.27	68360	74380	90100	98040	1.40	8.0	17.5	
2	1.487	6	0.746	0.44	0.437	13.48	19.01	67550	68010	95290	95950	1.50	8.0	18.8	
3	0.673	4	0.502	0.20	0.198	6.80	8.97	74980	75740	98920	99920	1.20	8.0	15.0	
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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

Naseer Ahmad
Gujranwala.

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

Client Reference: Nil

SOM Lab

Ref: 1943 (Page-1/1)

Dated: 16-03-2023

Dated: 16-03-2023

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (Islamabad Preium)

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	1.468	6	0.741	0.44	0.431	14.37	17.25	72050	73550	86450	88260	1.10	8.0	13.8	
2	0.672	4	0.501	0.20	0.197	4.64	6.98	51150	51930	77000	78170	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

JERS Consultancy (Pvt) Ltd

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

ARE Lahore.(Const Of SWM Parking Area in MC Okara City)

Client Reference: 488-J01-ARE/OKR/07

SOM Lab

Ref:

1944 (Page-1/1)

Dated: 06-03-2023

Dated:

16-03-2023

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	2.675	8	1.000	0.79	0.786	29.20	37.18	81530	81950	103790	104320	1.30	8.0	16.3	
2	2.669	8	0.999	0.79	0.784	29.51	37.30	82390	83020	104130	104930	1.20	8.0	15.0	
3	1.505	6	0.750	0.44	0.442	13.32	19.29	66780	66480	96670	96240	1.40	8.0	17.5	
4	1.512	6	0.752	0.44	0.444	13.40	19.49	67190	66590	97690	96810	1.50	8.0	18.8	
5	0.675	4	0.502	0.20	0.198	6.88	8.69	75880	76640	95770	96740	1.30	8.0	16.3	
6	0.672	4	0.501	0.20	0.197	7.19	8.82	79250	80460	97230	98720	1.10	8.0	13.8	
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BEND TEST:

Sr.(1-2)	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Twelve Samples Received and Tested
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: Please always confirm the results of above report on web www.uet-civil.edu.pk

Shifa Developments Services.

Test Performed By:

Dr. /Engr. Asad Ali Gillani

Senior Project Manager, Shifa National Hospital, Lahore Skp Road, Faisalabad)

Client Reference: SNHF/SDS/ST/15

SOM Lab

Ref: 1945 (Page-1/1)

Dated: 15-03-2023

Dated: 16-03-2023

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type: Deformed Bar (Pak Iron)

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	148.52	21.00	744430	734410	105260	103840	1.40	8.0	17.5	
2	1.507	6	0.751	0.44	0.443	14.98	21.15	75110	74600	106020	105300	1.30	8.0	16.3	
3	1.486	6	0.746	0.44	0.437	14.02	19.34	70260	70740	96930	97590	1.40	8.0	17.5	
4	1.492	6	0.747	0.44	0.438	13.78	19.16	69080	69400	96060	96500	1.50	8.0	18.8	
5	1.486	6	0.746	0.44	0.437	14.27	19.49	71540	72030	97690	98370	1.30	8.0	16.3	
6	1.475	6	0.743	0.44	0.433	14.39	19.59	72150	73310	98210	99790	1.20	8.0	15.0	
7	0.673	4	0.502	0.20	0.198	6.85	8.94	75540	76300	98580	99580	1.40	8.0	17.5	
8	0.668	4	0.500	0.20	0.196	6.65	8.84	73290	74790	97460	99450	1.40	8.0	17.5	
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BEND TEST:

# 6	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	
# 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

NESPAK,RE

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

Isb.(Extension of Admin Block,Academic Block & SSC at New Campus of Ghazi Uni DG Khan)

Client Reference: 4026/325/MU/Misc/AH/019

SOM Lab

Ref: 1947 (Page-1/1)

Dated: 13-03-2023

Dated: 16-03-2023

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type: Deformed Bar (Sheikhoo 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	1.516	6	0.754	0.44	0.446	14.63	19.69	73320	72340	98720	97390	1.50	8.0	18.8	
2	1.515	6	0.753	0.44	0.445	15.04	20.00	75370	74520	100250	99120	1.10	8.0	13.8	
3	1.045	5	0.625	0.31	0.307	9.96	13.88	70860	71550	98780	99740	1.20	8.0	15.0	
4	1.044	5	0.625	0.31	0.307	9.96	13.76	70860	71550	97910	98860	1.40	8.0	17.5	
5	0.673	4	0.502	0.20	0.198	6.34	8.82	69920	70630	97230	98220	1.20	8.0	15.0	
6	0.676	4	0.503	0.20	0.199	6.32	8.94	69700	70050	98580	99080	1.30	8.0	16.3	
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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

