

Mr. Shafeeq Ahmad

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

Const Manager, Guarantee Engrs.(Pvt)Ltd (Nishat Denim Unit Bhikhi)

Client Reference: GEPL/NDU-04

Dated: 12-10-2022

SOM Lab Ref: CED/SOM/1086(Page-1/1)

Dated: 14-10-2022

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	3.993	25	25.46	491	509	243.20	315.20	495	478	642	620	42.5	200	21.3	Lot 01
2	3.827	25	24.91	491	487	249.00	324.70	507	511	661	667	32.5	200	16.3	Lot 01
3	2.295	20	19.29	314	292	163.70	199.50	521	560	635	683	25.0	200	12.5	Lot 01
4	2.283	20	19.25	314	291	161.50	197.50	514	556	629	679	30.0	200	15.0	Lot 01
5	1.577	16	16.00	201	201	105.20	132.20	523	524	658	658	27.5	200	13.8	Lot 01
6	1.574	16	15.98	201	200	108.70	135.50	541	543	674	676	27.5	200	13.8	Lot 01
7	0.873	12	11.90	113	111	55.20	70.00	488	497	619	630	27.5	200	13.8	Lot 01
8	0.877	12	11.93	113	112	55.70	70.20	492	499	621	629	25.0	200	12.5	Lot 01
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BEND TEST:

25mm	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Twelve Samples Received and Tested
20mm	Sample bend through 180 degrees Satisfactorily without any crack	
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

Zain Riaz, Planning Branch

Test Performed By:

Dr. /Engr.

S Asad Ali Gillani

Astt Project Engr. DHA Multan.(Const of flag Ploes at Sec-G)

Client Reference: 701/92/Planning/DHA

SOM Lab

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Ref:

1/1)

Dated: 13-10-2022

Dated:

14-10-2022

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (Amreeli 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	2.608	8	0.988	0.79	0.766	25.96	30.38	72480	74760	84810	87460	1.30	8.0	16.3	
2	2.645	8	0.995	0.79	0.777	28.61	33.81	79880	81220	94400	95980	1.10	8.0	13.8	
3	1.066	5	0.631	0.31	0.313	11.21	13.66	79780	79010	97180	96250	1.00	8.0	12.5	
4	1.100	5	0.641	0.31	0.323	10.19	12.92	72520	69610	91890	88190	1.30	8.0	16.3	
5	0.603	4	0.475	0.20	0.177	5.68	6.47	62610	70750	71380	80660	1.20	8.0	15.0	
6	0.605	4	0.476	0.20	0.178	6.07	6.90	66890	75150	76100	85510	1.20	8.0	15.0	
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BEND TEST:

# 8	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

Umair Ahmad
Project Manager. DHA Gujranwala.(Executive block)

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

Client Reference: 111/15/PM/RS/Exec B/13

SOM Lab 1088 (Page-

Ref: 1/1)

Dated: 13-10-2022

Dated: 14-10-2022

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	0.667	4	0.500	0.20	0.196	6.22	8.46	68570	69970	93300	95200	1.10	8.0	13.8	
2	0.657	4	0.496	0.20	0.193	6.49	8.36	71610	74200	92180	95520	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

Umair Ahmad
Project Manager. DHA Gujranwala.(Sector G)

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

Client Reference: 111/15/PE/RS/Pkg- 2B/832

SOM Lab 1089 (Page-

Ref: 1/1)

Dated: 13-10-2022

Dated: 14-10-2022

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	1.526	6	0.755	0.44	0.448	14.78	18.71	74090	72770	93760	92090	1.30	8.0	16.3	
2	1.514	6	0.753	0.44	0.445	14.68	18.86	73580	72750	94530	93460	1.30	8.0	16.3	
3	0.683	4	0.506	0.20	0.201	6.17	8.18	68010	67670	90150	89700	1.30	8.0	16.3	
4	0.679	4	0.505	0.20	0.200	6.27	8.15	69130	69130	89930	89930	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

Engr. Zahid Abbas

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

CM Zameen Quadrangle.(Const. Of Zameen Quadrangle at Plot No.49,Gulberg-V Lahore)

Client Reference: ZD/ZQ/GSW/031

SOM Lab 1091 (Page-

Ref: 1/1)

Dated: 14-10-2022

Dated: 14-10-2022

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	2.690	8	1.004	0.79	0.791	25.56	32.21	71350	71260	89930	89810	1.50	8.0	18.8	
2	2.610	8	0.988	0.79	0.767	25.69	35.22	71720	73870	98320	101270	1.50	8.0	18.8	
3	1.478	6	0.743	0.44	0.434	15.34	19.75	76900	77960	98970	100340	1.20	8.0	15.0	
4	1.445	6	0.736	0.44	0.425	14.90	19.18	74700	77340	96160	99560	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
# 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

Malik Steel
 Malik Steel Sales Depot Lahore.

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

Client Reference: Nil

SOM Lab 1092 (Page-

Ref: 1/1)

Dated: 14-10-2022

Dated: 14-10-2022

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (Model 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	1.483	6	0.745	0.44	0.436	14.55	20.18	72910	73580	101170	102100	1.30	8.0	16.3	
2	1.482	6	0.745	0.44	0.436	14.44	19.93	72400	73070	99890	100810	1.30	8.0	16.3	
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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

Nabeel Ahmad Khan
 PM Renacon Pharma Ltd.(Fiedmc Industrial Estate Faisalabad)

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

Client Reference: RPL-FIN-121022-02

SOM Lab 1093 (Page-

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Dated: 14-10-2022

Dated: 14-10-2022

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	2.658	8	0.997	0.79	0.781	30.65	38.86	85570	86560	108480	109730	1.20	8.0	15.0	
2	2.682	8	1.002	0.79	0.788	30.60	38.71	85430	85650	108060	108330	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

Tricon steel Corporation
Badami Bagh,Lahore.

Client Reference No.: Nil

Dated: 14-10-2022

SOM Lab Ref: CED/SOM/1090(Page 1/1)

Dated: 14-10-2022

Test Type: Load Test

Sample Type: Scaffolding Fix Joint (Clamp)

Specification: BS 1139

Load Test Results

Sample No.	Sample Type	Ultimate Breaking Load (kN)	Ultimate Breaking Load (Kg)	Remarks
1	Scaffolding Fix Joints (Clamp) (Tension)	24.50	2498	Clamp Breaks At this Load

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

