

Furqan-UI-Haq
General Manager, AYQ Developers (Pvt) Ltd. Lahore

Test Performed By: Dr. /Engr.

S. Asad Ali Gillani

Client Reference: Nil

SOM Lab Ref: 3543(Page-1/1)

Dated: 01-01-2021

Dated: 01-01-2021

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Guage 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	2.563	8	0.979	0.79	0.753	25.66	34.51	71630	75150	96330	101060	1.50	8.0	18.8	
2	2.673	8	1.000	0.79	0.786	26.25	36.19	73280	73650	101030	101540	1.30	8.0	16.3	
3	2.619	8	0.990	0.79	0.770	26.12	35.37	72910	74810	98750	101320	1.40	8.0	17.5	
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BEND TEST:

# 8	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Four Samples Received and Tested

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

Muhammad Shahbaz
Imperium Hospitality (Pvt) Ltd. Lahore

Test Performed By: Dr. /Engr. Nauman Khurram

Client Reference: IHPL/Steel/025

SOM Lab

Ref: 3544(Page-1/1)

Dated: 28-12-2020

Dated: 01-01-2021

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Deformed

Gauge Length: 8 inch

Sample Type:

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	0.658	4	0.496	0.20	0.193	6.22	8.99	68570	71060	99150	102740	1.00	8.0	12.5	
2	0.655	4	0.494	0.20	0.192	6.42	9.09	70820	73770	100270	104450	1.00	8.0	12.5	
3	0.658	4	0.496	0.20	0.193	6.52	9.19	71940	74550	101390	105070	1.10	8.0	13.8	
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BEND TEST:

# 4	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Four Samples Received and Tested

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

Muhammad Shahbaz
Imperium Hospitality (Pvt) Ltd. Lahore

Test Performed By: Dr. /Engr. Nauman Khurram

Client Reference: IHPL/Steel/026

SOM Lab

Ref: 3545(Page-1/1)

Dated: 28-12-2020

Dated: 01-01-2021

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Deformed

Gauge Length: 8 inch

Sample Type:

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	1.481	6	0.744	0.44	0.435	16.00	20.03	80220	81140	100400	101560	1.20	8.0	15.0	
2	1.494	6	0.748	0.44	0.439	15.77	20.64	79050	79230	103470	103700	1.10	8.0	13.8	
3	1.496	6	0.748	0.44	0.440	15.65	20.54	78430	78430	102960	102960	1.00	8.0	12.5	
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BEND TEST:

# 6	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Four Samples Received and Tested

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

Engr. Atif Irfan Shaikh
Project Director, Banu Mukhtar Contracting (Pvt) Ltd., Lahore

Test Performed By: Dr. /Engr.

S Asad Ali
Gillani

Client Reference: BML-002-Civil-002

SOM Lab

Ref: 2940(Page-1/1)

Dated: 08-09-2020

Dated: 10-09-2020

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Deformed

Gauge Length: 8 inch

Sample Type:

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	1.517	6	0.754	0.44	0.446	14.65	19.80	73430	72440	99230	97890	1.40	8.0	17.5	
2	1.503	6	0.750	0.44	0.442	14.63	19.80	73320	72990	99230	98780	1.30	8.0	16.3	
3	1.027	5	0.620	0.31	0.302	9.55	14.04	67960	69760	99860	102510	1.30	8.0	16.3	
4	1.037	5	0.623	0.31	0.305	9.60	14.14	68320	69440	100590	102240	1.30	8.0	16.3	
5	0.662	4	0.498	0.20	0.195	6.98	9.28	77000	78980	102290	104920	1.30	8.0	16.3	
6	0.662	4	0.498	0.20	0.195	6.95	9.25	76660	78630	101960	104570	1.20	8.0	15.0	
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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

Syed Yasir Ali

Test Performed By:

Dr. /Engr.

OM Irfan UI
Hassan

Resident Engineer, NESPAK, (Pvt) Ltd.(Establishment of U.E.T. Sub Campus at Narowal)

Client Reference: 3863/13/SYA/Labtesting/223

SOM Lab

Ref: 3548(Page-1/1)

Dated: 30-12-2020

Dated: 01-01-2021

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Deformed

Gauge Length: 8 inch

Sample Type:

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	1.522	6	0.754	0.44	0.447	16.33	20.15	81860	80570	101020	99430	1.10	8.0	13.8	
2	1.491	6	0.747	0.44	0.438	16.13	19.75	80830	81200	98970	99420	1.00	8.0	12.5	
3	1.141	5	0.653	0.31	0.335	10.47	16.46	74480	68920	117120	108380	1.10	8.0	13.8	
4	1.145	5	0.654	0.31	0.336	10.62	16.48	75570	69720	117270	108190	1.00	8.0	12.5	
5	0.682	4	0.505	0.20	0.200	5.66	8.07	62390	62390	89030	89030	1.10	8.0	13.8	
6	0.686	4	0.507	0.20	0.202	5.63	8.05	62050	61440	88800	87930	1.20	8.0	15.0	
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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

Maqsood Ahmad

Project Coordinator, Banu Mukhtar Contracting (Pvt) Ltd., (Project: Novatex Pvt FSD)

Test Performed By:

Dr. /Engr.

S Asad Ali
Gillani

Client Reference: BML/300841/004

Dated: 01-01-2021

Test: Tension Test & Bend Test

Test Specification:

SOM Lab

Ref:

3549(Page-2/2)

Dated:

01-01-2021

ASTM-A-615

Deformed

Bar

Gauge Length:

8 inch

Sample Type:

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	1.491	6	0.747	0.44	0.438	12.81	19.64	64230	64520	98460	98910	1.40	8.0	17.5	
2	1.482	6	0.745	0.44	0.436	12.64	19.49	63360	63940	97690	98590	1.40	8.0	17.5	
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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