

Intiaz Hussain,RE

Test Performed By:

Dr. /Engr. Asad Ali Gillani

New Vision Engg Consultants.(Pilot Program For HUB And Spoke Model at Zahir Pir,R.Y Khan)

Client Reference: RE/NVEC/PP HUB & S.Model/2022-23/0036

SOM Lab

Ref: 2085 (Page-1/1)

Dated: 10-04-2023

Dated: 13-04-2023

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	1.540	6	0.759	0.44	0.453	15.16	19.06	75980	73800	95550	92810	1.30	8.0	16.3	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
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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

New Metro City

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

Housing Scheme Manager QA/QC Mandi Bahauddin.(A Project Of BSM Developers)

Client Reference: NMC/MBD/29

SOM Lab

Ref:

2086 (Page-1/1)

Dated: 11-04-2023

Dated:

13-04-2023

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	1.037	5	0.623	0.31	0.305	9.48	12.84	67450	68550	91380	92880	1.40	8.0	17.5	
2	1.038	5	0.623	0.31	0.305	9.79	13.17	69620	70760	93700	95240	1.40	8.0	17.5	
3	0.670	4	0.501	0.20	0.197	6.12	8.33	67450	68470	91840	93240	1.40	8.0	17.5	
4	0.671	4	0.501	0.20	0.197	6.14	8.31	67670	68700	91610	93010	1.30	8.0	16.3	
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-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
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BEND TEST:

# 5	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

Abu Bakar Jamil, Site Engr
Enaara Developers Lahore.

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

Client Reference: Nil

SOM Lab

Ref: 2087 (Page-1/1)

Dated: 13-04-2023

Dated: 13-04-2023

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	2.655	8	0.997	0.79	0.780	24.48	35.37	68330	69210	98750	100020	1.40	8.0	17.5	
2	2.644	8	0.995	0.79	0.777	24.46	35.37	68300	69440	98750	100400	1.40	8.0	17.5	
3	1.517	6	0.754	0.44	0.446	14.55	19.83	72910	71930	99380	98040	1.30	8.0	16.3	
4	1.500	6	0.749	0.44	0.441	14.24	19.90	71380	71220	99740	99510	1.50	8.0	18.8	
5	0.672	4	0.501	0.20	0.197	6.09	8.48	67110	68130	93530	94950	1.10	8.0	13.8	
6	0.670	4	0.501	0.20	0.197	6.07	8.48	66890	67900	93530	94950	1.10	8.0	13.8	
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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

Sajid Hussain Sadiq

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

SE Sitara Heights.(Project "Sitara Serena Tower 62D,Gulberg 3 Lahore)

Client Reference: SHPL/Sitara Serena Tower/LHR/17

SOM Lab

Ref:

2088 (Page-1/1)

Dated: 13-04-2023

Dated:

13-04-2023

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	2.662	8	0.998	0.79	0.782	24.16	34.45	67450	68140	96190	97170	1.30	8.0	16.3	
2	2.651	8	0.996	0.79	0.779	23.57	33.94	65800	66730	94770	96100	1.30	8.0	16.3	
3	1.500	6	0.749	0.44	0.441	13.22	19.18	66270	66120	96160	95940	1.50	8.0	18.8	
4	1.514	6	0.753	0.44	0.445	13.17	19.34	66020	65280	96930	95840	1.40	8.0	17.5	
5	0.672	4	0.501	0.20	0.197	6.29	8.99	69360	70410	99150	100660	1.00	8.0	12.5	
6	0.672	4	0.501	0.20	0.197	6.37	9.17	70260	71330	101170	102710	1.00	8.0	12.5	
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BEND TEST:

8 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:-Only Nine Samples
Received and TestedNote: Please always confirm the results of above report on web www.uet-civil.edu.pk

Ashiq Hussain Bhatti,PM

Test Performed By:

Dr. /Engr. Asad Ali Gillani

Barqaab Consulting Services (Pvt) Ltd.(500/220/132kV Nokhar SubStation,ADB Loan No.3677-Pak)

Client Reference: 500KV/SS/N-LHR/BQB/PM/62

SOM Lab

Ref: 2089 (Page-1/1)

Dated: 13-04-2023

Dated: 13-04-2023

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	1.500	6	0.749	0.44	0.441	14.29	19.24	71640	71470	96420	96200	1.40	8.0	17.5	
2	1.516	6	0.754	0.44	0.446	14.44	19.57	72400	71430	98100	96780	1.20	8.0	15.0	
3	1.478	6	0.743	0.44	0.434	13.35	18.67	66940	67860	93610	94900	1.60	8.0	20.0	
4	1.472	6	0.743	0.44	0.433	13.30	18.62	66680	67760	93350	94860	1.60	8.0	20.0	
5	1.488	6	0.746	0.44	0.437	13.35	18.60	66940	67400	93250	93890	1.50	8.0	18.8	
6	1.487	6	0.746	0.44	0.437	13.66	18.98	68470	68940	95140	95790	1.40	8.0	17.5	
7	1.030	5	0.621	0.31	0.303	9.55	13.30	67960	69530	94640	96830	1.40	8.0	17.5	
8	1.037	5	0.623	0.31	0.305	9.38	13.35	66720	67820	95000	96560	1.50	8.0	18.8	
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-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

Witnessed By: Mubariz A.Malik(Barqaab,J.E (Elec)), Aamir Sohail (CET,Site Engineer)

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	
# 5	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 Latif, Dev Engr

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

University of Punjab.(Const Of New Academic Block at Hailey College Of Banking & Finance at A.I.C)

Client Reference: D-2945-D.E

SOM Lab

Ref: 2090 (Page-1/1)

Dated: 12-04-2023

Dated: 13-04-2023

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	2.680	8	1.002	0.79	0.788	27.18	33.20	75870	76060	92690	92920	1.50	8.0	18.8	
2	2.688	8	1.003	0.79	0.790	27.18	33.20	75870	75870	92690	92690	1.50	8.0	18.8	
3	1.496	6	0.748	0.44	0.440	16.97	19.95	85070	85070	99990	99990	1.20	8.0	15.0	
4	1.498	6	0.748	0.44	0.440	16.92	19.88	84820	84820	99640	99640	1.20	8.0	15.0	
5	0.677	4	0.503	0.20	0.199	6.70	9.70	73850	74230	107010	107550	1.10	8.0	13.8	
6	0.673	4	0.502	0.20	0.198	6.73	9.76	74190	74940	107580	108660	1.20	8.0	15.0	
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BEND TEST:

--	No Bend test performed	Note:- Only Six Samples Received and Tested

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

Muhammad Asif

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

PM Imperium Developers,Lahore.(Const Of Sixty6 at Gulberh-III,Lahore)

Client Reference: IMP/PM/66/04/168

SOM Lab

Ref:

2092 (Page-1/2)

Dated: 13-04-2023

Dated:

13-04-2023

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	2.634	8	0.993	0.79	0.774	25.35	36.56	70780	72240	102080	104190	1.30	8.0	16.3	
2	2.637	8	0.993	0.79	0.775	24.74	36.00	69070	70410	100510	102460	1.30	8.0	16.3	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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Witnessed By: M. Husnain, Site Engineer (Imperium Developers)

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 Asif

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

PM Imperium Developers,Lahore.(Const Of Sixty6 at Gulberh-III,Lahore)

Client Reference: IMP/PM/66/04/167

SOM Lab

Ref:

2092 (Page-2/2)

Dated: 13-04-2023

Dated:

13-04-2023

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	0.672	4	0.501	0.20	0.197	6.17	8.94	68010	69050	98580	100080	1.20	8.0	15.0	
2	0.674	4	0.502	0.20	0.198	6.37	9.14	70260	70970	100830	101850	1.30	8.0	16.3	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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Witnessed By: M. Husnain, Site Engineer (Imperium Developers)

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

Saif-Ur Sajjad

Test Performed By:

Dr. /Engr. Asad Ali Gillani

CEO Meezan Developers.(Const Of Jamia Tur Rasheed Lahore Campus)

Client Reference: Nil

SOM Lab

Ref: 2093 (Page-1/1)

Dated: 13-04-2023

Dated: 13-04-2023

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	2.609	8	0.988	0.79	0.767	24.49	33.20	68360	70410	92690	95470	1.40	8.0	17.5	
2	2.615	8	0.989	0.79	0.768	24.57	33.18	68590	70550	92630	95290	1.60	8.0	20.0	
3	1.480	6	0.744	0.44	0.435	15.39	19.22	77160	78040	96320	97420	1.50	8.0	18.8	
4	1.479	6	0.744	0.44	0.435	15.24	19.18	76390	77270	96160	97270	1.40	8.0	17.5	
5	0.671	4	0.501	0.20	0.197	7.16	8.77	78910	80110	96670	98140	1.20	8.0	15.0	
6	0.668	4	0.500	0.20	0.196	7.21	8.77	79470	81100	96670	98650	1.10	8.0	13.8	
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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

Premier Developer & Builders

Test Performed By:

Dr. /Engr. Asad Ali Gillani

Procurement Manager .(Lyalpur Galleria-II Near Four Season Colony Samundri Road,FSD)

Client Reference: LG-II/044

SOM Lab

Ref: 2094 (Page-1/1)

Dated: 12-04-2023

Dated: 13-04-2023

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	2.643	8	0.995	0.79	0.777	25.54	33.79	71290	72480	94340	95920	1.50	8.0	18.8	
2	1.504	6	0.750	0.44	0.442	13.78	19.24	69080	68770	96420	95980	1.40	8.0	17.5	
3	0.668	4	0.500	0.20	0.196	6.32	8.61	69700	71120	94990	96930	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	
# 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

Test Performed by: Dr. Asad Gillani

Muhammad Awais,
GM-Material & Procurement,
MARS Technologies Lahore.
(DESCON Engg Ltd 18Km Ferozepura Road Lahore)

Client Reference No.: Nil

Dated: 13-04-2023

SOM Lab Ref: CED/SOM/2091

Dated: 13-04-2023

Test: Tensile Test

Sample Type: M.S Deformed Steel bar with Coupler (25mm)

Tension Test Results

Sr. No.	Bar Size	Area	Ultimate Load	Ultimate stress	Remarks
	(mm)	(mm ²)	kN	(Mpa)	
1	25	491	263.7	537.06	Steel sample Breaks at this Load

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