Muhammad Sohail Anjum **Test Performed By:** **Dr. /Engr.** **S. Asad Ali Gillani**

Project Manager, P-156, Gulberg-II, Lahore

Client Reference: **P-156-001** **SOM Lab Ref:** **938(Page-1/1)**

Dated: **11-06-2019** **Dated:** **11-06-2019**

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	1.459	6	0.739	0.44	0.429	15.09	19.85	75620	77560	99480	102030	1.10	8.0	13.8	
2	1.444	6	0.735	0.44	0.424	15.46	19.80	77510	80440	99230	102970	1.30	8.0	16.3	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

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

Maj. ® Mansoor Khaliq **Test Performed By:** **Dr. /Engr.** **S. Asad Ali Gillani**

General Manager, H. Sadar Ali Akthar Ali Pvt. Ltd. Halloki, Lahore

Client Reference: **Nil** **SOM Lab Ref:** **939(Page-1/1)**

Dated: **16-05-2019** **Dated:** **11-06-2019**

Test: **Tension 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	2.602	8	0.987	0.79	0.765	25.40	34.98	70920	73240	97670	100860	1.20	8.0	15.0	
2	2.634	8	0.993	0.79	0.774	27.17	37.36	75840	77410	104300	106460	1.30	8.0	16.3	
3	2.599	8	0.986	0.79	0.764	25.05	34.96	69920	72300	97610	100930	1.50	8.0	18.8	
4	1.506	6	0.751	0.44	0.443	11.37	16.64	56970	56590	83390	82820	2.00	8.0	25.0	
5	1.491	6	0.747	0.44	0.438	12.33	18.30	61830	62110	91720	92140	1.60	8.0	20.0	
6	1.508	6	0.751	0.44	0.443	12.64	19.16	63360	62930	96060	95410	1.20	8.0	15.0	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

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

Sub Divisional Officer
Buildings Sub Division No. 15, Lahore

Test Performed By: **Dr. /Engr.** **S Asad Ali Gilani**

Client Reference: **2280/H**
Dated: **29-05-2019**

SOM Lab Ref: **941 (Page-1/1)**
Dated: **11-06-2019**

Test: **Tension Test & Bend Test**
Test Specification: **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	2.706	8	1.006	0.79	0.795	23.50	35.75	65600	65190	99800	99180	1.40	8.0	17.5	
2	2.695	8	1.004	0.79	0.792	24.13	36.34	67360	67190	101450	101200	1.30	8.0	16.3	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

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 Shafeeq
CFO, INGIGO Developers, Lahore

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

Client Reference: **Nil**
Dated: **11-06-2019**

SOM Lab Ref: **942(Page-1/1)**
Dated: **12-06-2019**

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	1.445	6	0.736	0.44	0.425	12.84	20.44	64380	66650	102450	106060	1.10	8.0	13.8	
2	1.437	6	0.733	0.44	0.422	13.53	20.82	67810	70700	104340	108790	1.10	8.0	13.8	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

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

Maj Adnan khalid® **Test Performed By:** **Dr. /Engr.** **S. Asad Ali Gillani**

Dy Dir MTL, Proposed Commercial Plaza, DRGCC Ph-III, DHA Ph-VI, (M/S Construct)

Client Reference: **408/241/E/Lab/598/2643** **SOM Lab Ref:** **943(Page-1/2)**

Dated: **29-05-2019** **Dated:** **12-06-2019**

Test: **Tension Test & Bend Test** **Test Specification:** **ASTM-A-615**

Gauge Length: **8 inch** **Sample Type:** **Deformed Bar (Kamran 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	0.655	4	0.494	0.20	0.192	5.68	8.02	62610	65220	88470	92150	1.40	8.0	17.5	
2	0.644	4	0.491	0.20	0.189	5.78	8.05	63740	67450	88800	93970	1.30	8.0	16.3	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

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

Maj Adnan khalid® **Test Performed By:** **Dr. /Engr.** **S. Asad Ali Gillani**

Dy Dir MTL, Proposed Commercial Plaza, DRGCC Ph-III, DHA Ph-VI, (M/S Construct)

Client Reference: **408/241/E/Lab/599/2684** **SOM Lab Ref:** **943(Page-2/2)**

Dated: **30-05-2019** **Dated:** **12-06-2019**

Test: **Tension Test & Bend Test** **Test Specification:** **ASTM-A-615**

Gauge Length: **8 inch** **Sample Type:** **Deformed Bar (Kamran 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	1.529	6	0.756	0.44	0.449	16.97	20.85	85070	83370	104490	102400	1.30	8.0	16.3	
2	1.541	6	0.759	0.44	0.453	16.94	20.85	84920	82480	104490	101490	1.10	8.0	13.8	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

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

Project Manager,
IZHAR Construction (Pvt) Ltd. Lahore

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

Client Reference: **ICPL/EC/040**
Dated: **12-06-2019**

SOM Lab Ref: **945(Page-1/1)**
Dated: **12-06-2019**

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	0.660	4	0.497	0.20	0.194	5.15	7.16	56770	58520	78910	81350	1.50	8.0	18.8	
2	0.685	4	0.506	0.20	0.201	5.86	8.23	64640	64320	90720	90260	1.30	8.0	16.3	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

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

Abdul Ghafar
Project Manager Liberty Builders, Lahore

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

Client Reference: **CONC - 20190612**
Dated: **12-06-2019**

SOM Lab Ref: **946(Page-1/1)**
Dated: **12-06-2019**

Test: **Tension Test & Bend Test** **Test Specification:** **ASTM-A-615 Deformed Bar(SJ Steel)**

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	2.633	8	0.993	0.79	0.774	25.25	33.64	70490	71950	93910	95850	1.30	8.0	16.3	
2	2.597	8	0.986	0.79	0.763	25.08	33.69	70010	72490	94050	97380	1.50	8.0	18.8	
3	2.654	8	0.997	0.79	0.780	25.79	34.10	72000	72920	95190	96410	1.00	8.0	12.5	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

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

Anwar Ghafoor
Chief Coordination Officer, Amna Inayat Medical College, Lahore

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

Client Reference: **HO/2/19/110**
Dated: **11-06-2019**

SOM Lab Ref: **947(Page-1/1)**
Dated: **12-06-2019**

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	2.591	8	0.984	0.79	0.761	23.14	34.73	64600	67060	96960	100650	1.30	8.0	16.3	
2	2.591	8	0.984	0.79	0.761	23.39	34.73	65310	67800	96960	100650	1.30	8.0	16.3	
3	1.490	6	0.747	0.44	0.438	13.27	19.49	66530	66830	97690	98140	1.10	8.0	13.8	
4	1.480	6	0.744	0.44	0.435	13.17	19.37	66020	66780	97080	98200	1.10	8.0	13.8	
5	0.647	4	0.492	0.20	0.190	6.09	8.84	67110	70640	97460	102590	1.00	8.0	12.5	
6	0.651	4	0.493	0.20	0.191	6.12	9.07	67450	70630	100050	104760	1.10	8.0	13.8	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

BEND TEST:

# 8	Sample bend through 180 degrees Satisfactorily without any crack	**Note:-**
# 6	Sample bend through 180 degrees Satisfactorily without any crack	
# 4	Sample bend through 180 degrees Satisfactorily without any crack	**Only Nine Samples Received and Tested**

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

Five Star Corporation,
Bahawalpur **Test Performed By:** Dr. /Engr. Amana Rajput

Project: Construction of Noor Care Hospital Raionpur

Client Reference: 636/UET/LHR **SOM Lab Ref:** 949(Page-1/1)

Dated: 11-06-2019 **Dated:** 12-06-2019

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	2.574	8	0.981	0.79	0.756	27.01	33.51	75420	78810	93540	97750	1.50	8.0	18.8	
2	1.513	6	0.753	0.44	0.445	15.29	19.22	76640	75780	96320	95230	1.30	8.0	16.3	
3	0.972	5	0.603	0.31	0.286	9.45	11.52	67230	72870	81950	88830	1.40	8.0	17.5	
4	0.652	4	0.494	0.20	0.192	6.32	7.70	69700	72600	84870	88410	1.10	8.0	13.8	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

BEND TEST:		
# 8	**Sample bend through 180 degrees Satisfactorily without any crack**	**Note:-**
# 6	**Sample bend through 180 degrees Satisfactorily without any crack**	
# 5	**Sample bend through 180 degrees Satisfactorily without any crack**	**Only Eight 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		