

Nasir Mehmood

Test Performed By: Dr. /Engr. Asad Gillani

RE ESAC Sector DHA Multan.(Const. Of Monuments at Pakistan Square In DHA Multan)

Client Reference: RE/ESAC/PS/02/16

SOM Lab

Ref: 5399(Page-1/1)

Dated: 01-12-2021

Dated: 02-12-2021

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type: Deformed Bar (Ittefaq 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	2.706	8	1.006	0.79	0.795	28.90	36.92	80680	80170	103080	102430	1.10	8.0	13.8	
2	1.514	6	0.753	0.44	0.445	15.06	19.88	75470	74620	99640	98520	1.20	8.0	15.0	
3	0.675	4	0.502	0.20	0.198	5.86	8.72	64640	65290	96110	97080	1.20	8.0	15.0	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

Witnessed By: Muhammad Hasaan Rahil.(Site Engineer)

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

Waqas Ali
Variant,Lahore.

Test Performed By: Dr. /Engr. Asad Gillani

Client Reference: VA/29/01

SOM Lab

Ref: 5400(Page-1/1)

Dated: 02-12-2021

Dated: 02-12-2021

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	1.504	6	0.750	0.44	0.442	15.14	19.80	75880	75530	99230	98780	1.30	8.0	16.3	
2	1.497	6	0.748	0.44	0.440	15.09	19.54	75620	75620	97950	97950	1.20	8.0	15.0	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Witnessed By: Muhammad Khurram (35201-24586909)

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

Waqar Hasnain

Test Performed By:

Dr. /Engr. Asad Gillani

CRE TPBC Panjnad Barrage.(Contract: TPBIP/ICB-02,Newly Included Buildings Of Panjnad Barrage)

Client Reference: TPBC/CRE/2021/TECH/1601

SOM Lab

Ref: 5401(Page-1/1)

Dated: 01-12-2021

Dated: 02-12-2021

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	0.653	4	0.494	0.20	0.192	6.17	8.23	68010	70840	90720	94500	1.10	8.0	13.8	
2	0.652	4	0.494	0.20	0.192	6.07	8.10	66890	69670	89370	93090	1.20	8.0	15.0	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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

Irfan Siddique

Test Performed By:

Dr. /Engr.

Asad Gillani

Building Standards Lahore.(Const. Of Residential Building In Gulberg,Lahore)

Client Reference: GT/LTR/211202-133

SOM Lab

Ref:

5402(Page-1/1)

Dated: 02-12-2021

Dated:

02-12-2021

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	2.513	8	0.970	0.79	0.739	28.75	36.39	80250	85790	101600	108610	1.20	8.0	15.0	
2	2.503	8	0.968	0.79	0.736	30.17	37.16	84240	90420	103730	111340	1.10	8.0	13.8	
3	2.542	8	0.975	0.79	0.747	30.48	37.56	85090	89990	104870	110900	0.60	8.0	7.5	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

BEND TEST:

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

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

Engr. Fawad Ahmad

Test Performed By: Dr. /Engr. Asad Gillani

APC Al-Hussain Traders-Al Khurram Asso(JV).(500Kv Circuit Breakers At 500Kv Grid Station Rawat)

Client Reference: AHT-AKA/JV/PD-ISD-04/5071-73

SOM Lab

Ref: 5403(Page-1/1)

Dated: 02-12-2021

Dated: 02-12-2021

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (KOHSAR 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	2.578	8	0.982	0.79	0.758	24.74	38.69	69070	71990	108000	112560	0.70	8.0	8.8	
2	2.585	8	0.984	0.79	0.760	23.72	39.19	66220	68840	109420	113740	0.70	8.0	8.8	
3	1.509	6	0.751	0.44	0.443	13.68	21.12	68570	68110	105870	105150	1.20	8.0	15.0	
4	1.486	6	0.746	0.44	0.437	12.46	19.64	62440	62870	98460	99140	1.20	8.0	15.0	
5	0.655	4	0.494	0.20	0.192	6.07	9.65	66890	69670	106450	110890	0.70	8.0	8.8	
6	0.659	4	0.497	0.20	0.194	6.47	10.52	71380	73590	116010	119590	0.90	8.0	11.3	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

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

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

Test Performed By: Dr. /Engr. Asad Gillani

Client Reference: Nil

SOM Lab

Ref: 5404(Page-1/1)

Dated: 02-12-2021

Dated: 02-12-2021

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	2.638	8	0.993	0.79	0.775	23.19	33.20	64740	66000	92690	94480	1.20	8.0	15.0	
2	2.655	8	0.997	0.79	0.780	26.07	37.33	72770	73700	104210	105550	1.30	8.0	16.3	
3	1.486	6	0.746	0.44	0.437	13.27	19.69	66530	66980	98720	99390	1.00	8.0	12.5	
4	1.486	6	0.746	0.44	0.437	12.92	19.54	64740	65180	97950	98620	1.20	8.0	15.0	
5	0.663	4	0.498	0.20	0.195	5.98	8.15	65990	67680	89930	92230	1.20	8.0	15.0	
6	0.656	4	0.496	0.20	0.193	5.91	8.28	65200	67560	91280	94590	1.10	8.0	13.8	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

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

Muhammad Adrees

Test Performed By: Dr. /Engr. Asad Gillani

C.E.O MH& Bros,Buliders & Devl.(Const.Of 8xD Type Flate at Lhr Cantt-specific Projs FY 2020-21)

Client Reference: MH/10/02/Org

SOM Lab

Ref: 5405(Page-1/1)

Dated: 01-12-2021

Dated: 02-12-2021

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	22.40	36.77	62520	63160	102650	103700	1.50	8.0	18.8	
2	1.486	6	0.746	0.44	0.437	13.63	22.12	68320	68790	110880	111640	1.30	8.0	16.3	
3	1.029	5	0.620	0.31	0.302	9.60	15.29	68320	70130	108780	111670	1.00	8.0	12.5	
4	0.635	4	0.488	0.20	0.187	6.19	9.53	68230	72980	105100	112410	1.10	8.0	13.8	
5	0.664	4	0.498	0.20	0.195	5.12	7.51	56430	57880	82850	84970	1.60	8.0	20.0	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

BEND TEST:

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

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

Engr. Hasan Nawaz

Test Performed By: Dr. /Engr. Asad Gillani

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

Client Reference: ZD/ZQ/GSW/001

SOM Lab

Ref: 5406(Page-1/1)

Dated: 01-12-2021

Dated: 02-12-2021

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	2.639	8	0.994	0.79	0.776	23.52	32.18	65650	66840	89840	91460	1.50	8.0	18.8	
2	2.597	8	0.986	0.79	0.763	23.72	31.62	66220	68570	88280	91400	1.30	8.0	16.3	
3	1.513	6	0.753	0.44	0.445	14.50	19.52	72660	71840	97850	96750	1.20	8.0	15.0	
4	1.509	6	0.751	0.44	0.443	14.12	19.27	70770	70290	96570	95920	1.20	8.0	15.0	
5	0.579	4	0.465	0.20	0.170	5.47	7.10	60370	71020	78350	92180	1.10	8.0	13.8	
6	0.596	4	0.472	0.20	0.175	5.66	7.67	62390	71300	84530	96610	1.10	8.0	13.8	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

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

Deputy Director,

Test Performed By:

Dr. /Engr. Asad Gillani

PHATA,Sub Region Okara.(Const. Of Housing Units 03/05 M In ADS-II Renala Khurd Under NPHP)

Client Reference: '768

SOM Lab

Ref: 5407(Page-1/1)

Dated: 30-11-2021

Dated: 02-12-2021

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	0.690	4	0.508	0.20	0.203	6.85	9.35	75540	74420	103080	101560	1.20	8.0	15.0	
2	0.689	4	0.507	0.20	0.202	6.83	9.33	75320	74570	102860	101840	1.10	8.0	13.8	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

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

PAKASIA
Group Of Companies,46-Nishtar Rd Lahore.

Test Performed By: Dr. /Engr. Asad Gillani

Client Reference: Nil

SOM Lab

Ref: 5408(Page-1/1)

Dated: 02-12-2021

Dated: 02-12-2021

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	2.613	8	0.989	0.79	0.768	26.07	34.98	72770	74850	97670	100470	1.20	8.0	15.0	
2	1.466	6	0.741	0.44	0.431	15.77	20.61	79050	80700	103310	105470	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
# 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

Asif Pervaiz
RE AYQ Developers Pvt.Ltd. (Union Complex)

Test Performed By: Dr. /Engr. Asad Gillani

Client Reference: Nil

SOM Lab

Ref: 5409(Page-1/1)

Dated: 02-12-2021

Dated: 02-12-2021

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (AF 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	0.651	4	0.493	0.20	0.191	6.29	8.05	69360	72630	88800	92990	1.00	8.0	12.5	
2	0.641	4	0.489	0.20	0.188	6.14	8.41	67670	71990	92740	98660	1.00	8.0	12.5	
3	0.637	4	0.488	0.20	0.187	5.98	8.23	65990	70570	90720	97020	1.00	8.0	12.5	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

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