

Project Manager

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

Al-Imam PMC (Pvt) Ltd, Construction of New Tele House Brick Room at Zong MSC Faisalabad

Client Reference: ALM/CMPak/FSD/1-23

SOM Lab

Ref: 1867 (Page-1/1)

Dated: 03-03-2023

Dated: 06-03-2023

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	1.473	6	0.743	0.44	0.433	14.42	18.83	72300	73470	94370	95900	1.20	8.0	15.0	
2	0.673	4	0.502	0.20	0.198	5.66	8.15	62390	63020	89930	90840	1.30	8.0	16.3	
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Witnessed By: Engr. Ramzan (Site Engioneer Zong)

BEND TEST:

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

Stallion Steel Engg. Pvt Ltd.

Test Performed By:

Dr. /Engr.

S.Asad Ali Gillani

Lahore.(Self Propelled Parking Garage Askari-I Rawalpindi)

Client Reference: SE/Askari/723/01

Dated: 06-03-2023

SOM Lab Ref: CED/SOM/1870(Page-1/1)

Dated: 06-03-2023

Test: Tension Test

Test Specification: ASTM-A-572

Sample Type: Anchor Bolt

Gauge Length: 50 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	3.935	24	25.26	380	501	245.00	365.50	645	490	962	730	7.5	50	15.0	
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BEND TEST:

--	No Bend test performed	Note:- Only One Sample Received and Tested

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

Arslan Ahmad
Flight Lieutenant,AD (Tech) AFOHS Dett Lhr.

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

Client Reference: AHQ/7431/2/AFOHS
Dated: 01-03-2023
Test: Tension Test & Bend Test
Gauge Length: 8 inch

SOM Lab
Ref: 1863 (Page-1/1)
Dated: 06-03-2023
ASTM-A-615
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	1.466	6	0.741	0.44	0.431	14.80	18.57	74190	75740	93100	95040	1.10	8.0	13.8	
2	1.462	6	0.740	0.44	0.430	14.80	18.52	74190	75920	92840	95000	1.20	8.0	15.0	
3	1.129	5	0.650	0.31	0.332	12.15	15.26	86450	80720	108570	101370	1.10	8.0	13.8	
4	1.128	5	0.649	0.31	0.331	12.23	15.36	87030	81510	109290	102360	1.20	8.0	15.0	
5	0.675	4	0.502	0.20	0.198	6.73	8.43	74190	74940	92960	93900	1.10	8.0	13.8	
6	0.675	4	0.502	0.20	0.198	6.78	8.43	74750	75510	92960	93900	1.00	8.0	12.5	
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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

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

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

Client Reference: Nil

SOM Lab

Ref: 1864 (Page-1/1)

Dated: 06-03-2023

Dated: 06-03-2023

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type: Deformed Bar

ASTM-A-615

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	25.69	36.56	71720	72540	102080	103260	1.40	8.0	17.5	
2	2.635	8	0.993	0.79	0.774	24.26	33.81	67730	69130	94400	96350	1.20	8.0	15.0	
3	1.511	6	0.752	0.44	0.444	14.63	20.15	73320	72660	101020	100110	1.20	8.0	15.0	
4	1.510	6	0.752	0.44	0.444	14.55	20.03	72910	72260	100400	99500	1.10	8.0	13.8	
5	0.663	4	0.498	0.20	0.195	7.41	9.48	81720	83820	104540	107220	1.00	8.0	12.5	
6	0.659	4	0.497	0.20	0.194	6.03	8.74	66550	68610	96340	99310	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

M/S Imran Sadiq Associates

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

Lahore.(Const Of 1xBlock Having 12xd Type Flats G+5 at SRE Land Lahore)

Client Reference: Nil

SOM Lab

Ref:

1866 (Page-1/1)

Dated: 06-03-2023

Dated:

06-03-2023

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	2.651	8	0.996	0.79	0.779	26.96	35.29	75270	76340	98520	99910	1.50	8.0	18.8	
2	2.639	8	0.994	0.79	0.776	27.78	35.27	77550	78950	98470	100240	1.30	8.0	16.3	
3	1.478	6	0.743	0.44	0.434	15.29	19.22	76640	77700	96320	97650	1.10	8.0	13.8	
4	1.470	6	0.742	0.44	0.432	15.39	19.34	77160	78580	96930	98720	1.40	8.0	17.5	
5	1.045	5	0.625	0.31	0.307	11.16	13.93	79410	80190	99140	100110	1.30	8.0	16.3	
6	1.028	5	0.620	0.31	0.302	11.06	13.81	78690	80770	98270	100870	1.30	8.0	16.3	
7	0.663	4	0.498	0.20	0.195	6.98	8.84	77000	78980	97460	99960	1.20	8.0	15.0	
8	0.669	4	0.501	0.20	0.197	6.93	8.79	76440	77600	96900	98370	1.10	8.0	13.8	
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BEND TEST:

# 8	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	
# 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

Dr Zafar Nazeer
Muridke.

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

Client Reference: Nil

SOM Lab

Ref: 1868 (Page-1/1)

Dated: 06-03-2023

Dated: 06-03-2023

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	16.97	28.00	47390	47990	78180	79180	1.70	8.0	21.3	
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BEND TEST:

--	No Bend test performed	Note:- Only One Sample Received and Tested

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

Engr. Major Zia-UI-Islam ®

Test Performed By:

Dr. /Engr. Asad Ali Gillani

PD GCC,Overseas Const.Co, Lahore.(Project Gulberg City Cerntrre, Lahore)

Client Reference: OCC/Steel/36

SOM Lab

Ref: 1869 (Page-1/1)

Dated: 06-03-2023

Dated: 06-03-2023

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	0.668	4	0.500	0.20	0.196	7.03	8.72	77560	79150	96110	98070	1.20	8.0	15.0	
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BEND TEST:

# 4	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

Capital Contractor

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

Site In-Charge Capital Contractor Isb.(Fast "NU"Plot # 852-B,Block -B Faisal Town Lahore)

Client Reference: Nil

SOM Lab

Ref: 1871 (Page-1a/1)

Dated: 03-03-2023

Dated: 06-03-2023

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type: Deformed Bar (Ittehad 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	1.519	6	0.754	0.44	0.446	14.27	18.47	71540	70570	92590	91340	1.20	8.0	15.0	
2	1.479	6	0.744	0.44	0.435	15.01	18.62	75210	76080	93350	94420	1.20	8.0	15.0	
3	1.084	5	0.637	0.31	0.319	9.58	12.46	68170	66250	88620	86120	1.30	8.0	16.3	
4	1.070	5	0.632	0.31	0.314	10.91	13.73	77600	76610	97690	96440	1.20	8.0	15.0	
5	0.668	4	0.500	0.20	0.196	5.76	8.58	63510	64810	94650	96580	1.30	8.0	16.3	
6	0.668	4	0.500	0.20	0.196	5.96	8.77	65760	67100	96670	98650	1.30	8.0	16.3	
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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

Capital Contractor

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

Site In-Charge Capital Contractor Isb.(Fast "NU"Plot # 852-B,Block -B Faisal Town Lahore)

Client Reference: Nil

SOM Lab

Ref: 1871 (Page-1b/1)

Dated: 03-03-2023

Dated: 06-03-2023

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type: Deformed Bar (Ittehad 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	2.569	8	0.980	0.79	0.755	26.22	32.87	73200	76590	91780	96030	1.20	8.0	15.0	
2	2.576	8	0.982	0.79	0.757	26.96	34.15	75270	78550	95340	99490	1.10	8.0	13.8	
3	2.670	8	1.000	0.79	0.785	32.06	37.89	89500	90070	105780	106450	1.00	8.0	12.5	
4	2.589	8	0.984	0.79	0.761	30.38	35.68	84810	88040	99600	103400	1.00	8.0	12.5	
5	2.655	8	0.997	0.79	0.780	29.26	35.32	81680	82720	98610	99870	1.00	8.0	12.5	
6	2.633	8	0.993	0.79	0.774	29.15	35.44	81390	83070	98950	100990	1.00	8.0	12.5	
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BEND TEST:

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

M/S Shah Gee Enterprises

Lahore

Client Reference No.: Nil

Dated: 03-03-2023

SOM Lab Ref: CED/SOM/1861(Page-1/1)

Dated: 03-03-2023

Test: Load Test

Sample Type: Jeem Hook

Load Test Results

S No	Sample Type	Ultimate Load (kN)	Remarks
1	Jeem Hook	139.20	Hook Break at this load

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

