

Wasif Manzoor
Salman Developers.Lahore.(Park House Appartment)

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

Client Reference: Nil

SOM Lab 5780 (Page-

Ref: 1/1)

Dated: 29-01-2022

Dated: 31-01-2021

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	2.631	8	0.992	0.79	0.773	23.16	32.26	64660	66080	90070	92050	1.60	8.0	20.0	
2	2.678	8	1.001	0.79	0.787	24.77	33.86	69160	69420	94540	94900	1.50	8.0	18.8	
3	0.696	4	0.511	0.20	0.205	7.21	9.12	79470	77540	100610	98150	1.30	8.0	16.3	
4	0.659	4	0.497	0.20	0.194	6.85	8.82	75540	77880	97230	100240	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
# 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 Azeem ® Major
 RE ACES DHA Multan.(Dev Of Sector -T & B-1-DHA Multan)

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

Client Reference: RE/Sec-T&B1/Material /49

SOM Lab 5781 (Page-

Ref: 1/1)

Dated: 21-01-2022

Dated: 31-01-2022

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	0.637	4	0.488	0.20	0.187	6.83	8.77	75320	80550	96670	103390	1.10	8.0	13.8	
2	0.642	4	0.491	0.20	0.189	6.68	8.69	73630	77910	95770	101350	1.00	8.0	12.5	
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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

Muhammad Irfan

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

Project Engr. DHA Gujranwala.(Const. Works Of DHA Housing Scheme Gujranwala.)

Client Reference: 111/15/PE/RS/Pkg-1/367

SOM Lab 5782 (Page-

Ref: 1/1)

Dated: 27-01-2022

Dated: 31-01-2021

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	2.627	8	0.991	0.79	0.772	24.77	33.05	69160	70770	92260	94410	1.40	8.0	17.5	
2	2.639	8	0.994	0.79	0.776	24.67	32.87	68870	70110	91780	93430	1.30	8.0	16.3	
3	1.498	6	0.748	0.44	0.440	13.78	19.03	69080	69080	95400	95400	1.10	8.0	13.8	
4	1.500	6	0.749	0.44	0.441	14.27	20.18	71540	71370	101170	100940	1.10	8.0	13.8	
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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	

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

Icon Developers

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

DHA, Lahore.(Sherazi Boarding House, Aitchison Colege Lahore)

Client Reference: Nil

SOM Lab

5783 (Page-

Ref:

1/1)

Dated: 31-01-2022

Dated:

31-01-2022

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (Afco 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	2.580	8	0.982	0.79	0.758	28.00	37.36	78180	81480	104300	108700	1.30	8.0	16.3	
2	2.579	8	0.982	0.79	0.758	27.49	37.10	76750	79990	103590	107960	1.20	8.0	15.0	
3	1.486	6	0.746	0.44	0.437	18.88	21.87	94630	95280	109600	110350	1.00	8.0	12.5	
4	1.487	6	0.746	0.44	0.437	18.98	22.04	95140	95790	110470	111230	1.00	8.0	12.5	
5	0.664	4	0.498	0.20	0.195	7.19	9.25	79250	81280	101960	104570	1.00	8.0	12.5	
6	0.660	4	0.497	0.20	0.194	7.05	9.09	77790	80190	100270	103370	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
# 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

Waqar Hasnain

Test Performed By:

Dr. /Engr. Asad Ali Gillani

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

Client Reference: TPBC/CRE/2022/TECH/1697

SOM Lab 5784 (Page-

Ref: 1/1)

Dated: 27-01-2022

Dated: 31-01-2022

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	1.493	6	0.748	0.44	0.439	13.66	18.04	68470	68630	90440	90650	1.20	8.0	15.0	
2	1.489	6	0.747	0.44	0.438	15.41	19.78	77260	77610	99130	99580	1.00	8.0	12.5	
3	0.675	4	0.502	0.20	0.198	6.12	9.04	67450	68130	99710	100710	1.40	8.0	17.5	
4	0.665	4	0.498	0.20	0.195	5.93	8.84	65420	67100	97460	99960	1.20	8.0	15.0	
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BEND TEST:

# 6	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

Usman Ibrahim Construction,
DHA, Lahore.

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

Client Reference: UICP/11/GULBERG/LHE/02

SOM Lab Ref: 5785 (Page-1/1)

Dated: 31-01-2022

Dated: 31-01-2022

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	2.653	8	0.997	0.79	0.780	27.42	36.49	76550	77540	101880	103190	1.50	8.0	18.8	
2	2.625	8	0.991	0.79	0.771	25.50	35.42	71200	72960	98890	101330	1.40	8.0	17.5	
3	1.494	6	0.748	0.44	0.439	15.04	20.00	75370	75540	100250	100480	1.10	8.0	13.8	
4	1.508	6	0.751	0.44	0.443	16.13	21.07	80830	80290	105610	104900	1.10	8.0	13.8	
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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	

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

Engr. Abra Maqbool

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

H. Developments Construction, Lahore.(4 Baber Block Main Boulevard Gerden Town Lhr.)

Client Reference: Nil

SOM Lab

5786 (Page-

Ref:

1/1)

Dated: 31-01-2022

Dated:

31-01-2022

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	2.682	8	1.002	0.79	0.788	25.64	35.42	71570	71760	98890	99140	1.80	8.0	22.5	
2	2.697	8	1.005	0.79	0.793	25.99	36.03	72570	72300	100600	100220	1.60	8.0	20.0	
3	1.543	6	0.759	0.44	0.453	13.93	20.74	69850	67840	103980	101000	1.80	8.0	22.5	
4	1.493	6	0.748	0.44	0.439	13.43	20.13	67290	67450	100910	101140	1.50	8.0	18.8	
5	0.676	4	0.503	0.20	0.199	6.37	8.94	70260	70610	98580	99080	1.30	8.0	16.3	
6	0.672	4	0.501	0.20	0.197	6.24	8.87	68800	69840	97800	99290	1.50	8.0	18.8	
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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

Engr. Tayyab Rasool

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

PM Renaissance International.(Bowl Of Overhead Water Reservoir At Lahore Motorway City,Lhr)

Client Reference: QC/22/015

SOM Lab 5787 (Page-

Ref: 1/1)

Dated: 31-01-2022

Dated: 31-01-2022

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	1.456	6	0.738	0.44	0.428	13.30	18.47	66680	68550	92590	95180	1.40	8.0	17.5	
2	1.464	6	0.740	0.44	0.430	13.30	18.40	66680	68230	92230	94370	1.20	8.0	15.0	
3	1.052	5	0.627	0.31	0.309	9.55	13.93	67960	68180	99140	99460	1.30	8.0	16.3	
4	1.051	5	0.627	0.31	0.309	9.60	13.97	68320	68540	99360	99680	1.40	8.0	17.5	
5	0.662	4	0.498	0.20	0.195	6.03	8.38	66550	68250	92400	94770	1.30	8.0	16.3	
6	0.661	4	0.497	0.20	0.194	5.96	8.33	65760	67800	91840	94680	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

Maqsood Ahmad
 Const. Manager BSM Dev. Pvt. Ltd, Phase-8 DHA Lahore.

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

Client Reference: CM/BSM/Ph-8/15

SOM Lab 5788 (Page-

Ref: 1/1)

Dated: 31-01-2022

Dated: 31-01-2022

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type: Deformed Bar (Batala 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	1.499	6	0.749	0.44	0.441	13.27	19.59	66530	66380	98210	97980	1.40	8.0	17.5	
2	1.480	6	0.744	0.44	0.435	13.37	20.44	67040	67810	102450	103620	1.30	8.0	16.3	
3	0.663	4	0.498	0.20	0.195	7.49	9.70	82620	84740	107010	109760	1.00	8.0	12.5	
4	0.661	4	0.497	0.20	0.194	6.80	9.30	74980	77300	102520	105690	1.00	8.0	12.5	
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BEND TEST:

# 6	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

Maqsood Ahmad
 Const. Manager BSM Dev. Pvt. Ltd, Phase-8 DHA Lahore.

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

Client Reference: CM/BSM/Ph-8/16

SOM Lab 5789 (Page-

Ref: 1/1)

Dated: 31-01-2022

Dated: 31-01-2022

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type: Deformed Bar (Batala 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	2.637	8	0.993	0.79	0.775	23.82	34.25	66510	67800	95620	97470	1.30	8.0	16.3	
2	2.620	8	0.990	0.79	0.770	23.90	34.61	66740	68470	96620	99130	1.40	8.0	17.5	
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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

Engr. Hassan Mehmood

Test Performed By:

Dr. /Engr. S Asad Ali Gillani

RE G3 Engg Consult.(Const.of DHA Newlife Residency Appartments at 273/1Q Block Ph-II DHA.Lhr)

Client Reference: G3/DHA-NLD/RE/027

SOM Lab 5790 (Page-

Ref: 1/1)

Dated: 31-01-2022

Dated: 31-01-2022

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (Batala 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	2.679	8	1.001	0.79	0.787	24.38	35.60	68070	68330	99380	99760	1.30	8.0	16.3	
2	2.682	8	1.002	0.79	0.788	24.38	35.47	68070	68250	99030	99290	1.20	8.0	15.0	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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

M. Muneeb

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

Planning & Const. Engr. REDO Engg & Construction Pvt.Ltd.

Client Reference: Nil

SOM Lab

5791 (Page-

Ref:

1/1)

Dated: 31-01-2022

Dated:

31-01-2021

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	1.017	5	0.617	0.31	0.299	9.84	12.76	69990	72560	90800	94140	1.30	8.0	16.3	
2	1.026	5	0.620	0.31	0.302	9.99	13.00	71070	72960	92470	94920	1.40	8.0	17.5	
3	0.651	4	0.493	0.20	0.191	6.42	8.56	70820	74160	94420	98870	1.20	8.0	15.0	
4	0.644	4	0.491	0.20	0.189	6.03	8.31	66550	70420	91610	96950	1.10	8.0	13.8	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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