

Engr. Mian Mubashar Rafiq

Test Performed By:

Dr. /Engr.

Wasim Abbas

PM Union Developers.(Const. Of Union Luxury Apartments Etihad Town Lahore)

Client Reference: UA/SO/2021/010

SOM Lab

Ref:

5555(Page-1/1)

Dated: 27-12-2021

Dated:

28-12-2021

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	0.661	4	0.497	0.20	0.194	7.10	8.63	78350	80770	95210	98160	1.00	8.0	12.5	
2	0.644	4	0.491	0.20	0.189	7.21	9.04	79470	84100	99710	105510	0.90	8.0	11.3	
3	0.666	4	0.500	0.20	0.196	7.00	8.99	77230	78800	99150	101170	0.90	8.0	11.3	
4	0.641	4	0.489	0.20	0.188	7.51	9.38	82850	88130	103420	110020	1.00	8.0	12.5	
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BEND TEST:

# 4	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

Maj Adnan Khalid (R)

Test Performed By:

Dr. /Engr.

S. Asad Ali
Gillani

Dy Dir MTL DHA Lhr,(Const. Of 18 Green Apartment Complex DRGCC DHA Ph-VI (M/s Construct)

Client Reference: 408/241/32/Lab/197/71

SOM Lab

Ref: 5556 (Page-1/1)

Dated: 28-12-2021

Dated: 28-12-2021

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	1.470	6	0.742	0.44	0.432	12.13	18.32	60810	61930	91820	93520	1.30	8.0	16.3	
2	1.467	6	0.741	0.44	0.431	11.98	17.84	60040	61290	89420	91280	1.40	8.0	17.5	
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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 (R)

Test Performed By: Dr. /Engr.

S. Asad Ali
Gillani

Dy Dir MTL DHA Lhr,(Const. Of Mosque at Sector-G DHA Ph-V) (M/s Waha Enterprises)

Client Reference: 408/241/32/Lab/194/09

SOM Lab

Ref: 5557 (Page-1/1)

Dated: 27-12-2021

Dated: 28-12-2021

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (Agha 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	1.638	6	0.783	0.44	0.481	15.04	19.90	75370	68940	99740	91240	1.60	8.0	20.0	
2	1.662	6	0.788	0.44	0.488	16.56	23.19	83030	74860	116240	104810	1.00	8.0	12.5	
3	0.677	4	0.503	0.20	0.199	7.54	9.17	83180	83600	101170	101680	1.10	8.0	13.8	
4	0.666	4	0.500	0.20	0.196	7.05	8.99	77790	79380	99150	101170	1.10	8.0	13.8	
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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

Maj Adnan Khalid (R)

Test Performed By:

Dr. /Engr.

S. Asad Ali
Gillani

Dy Dir MTL DHA Lhr,(Infra Dev Works of Prism pkg-01,DHA Ph-IX & IVY Green Z-Sec DHA Ph-VIII)

Client Reference: 408/241/32/Lab/195-196/176&6677

SOM Lab

Ref: 5558 (Page-1/1)

Dated: 28-12-2021

Dated: 28-12-2021

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (Saeed Kasur 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	1.496	6	0.748	0.44	0.440	12.61	20.39	63210	63210	102190	102190	1.30	8.0	16.3	
2	1.509	6	0.751	0.44	0.443	12.74	20.51	63870	63440	102800	102110	1.40	8.0	17.5	
3	0.660	4	0.497	0.20	0.194	6.03	9.19	66550	68610	101390	104530	1.30	8.0	16.3	
4	0.657	4	0.496	0.20	0.193	6.07	9.28	66890	69310	102290	106000	1.30	8.0	16.3	
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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

Naeem Badshah
Raiwind Road Lahore.

Test Performed By: Dr. /Engr.

S. Asad Ali
Gillani

Client Reference: Nil

Dated: 28-12-2021

Test: Tension Test & Bend Test

Gauge Length: 8 inch

Test Specification:

Sample Type:

SOM Lab

Ref: 5559 (Page-1/1)

Dated: 28-12-2021

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	2.624	8	0.991	0.79	0.771	28.03	35.83	78260	80190	100030	102500	1.40	8.0	17.5	
2	2.669	8	0.999	0.79	0.784	28.15	35.85	78600	79200	100090	100850	1.30	8.0	16.3	
3	1.497	6	0.748	0.44	0.440	14.53	18.42	72810	72810	92330	92330	1.40	8.0	17.5	
4	1.494	6	0.748	0.44	0.439	14.37	18.35	72050	72210	91970	92180	1.20	8.0	15.0	
5	0.667	4	0.500	0.20	0.196	7.08	8.74	78130	79720	96340	98300	1.00	8.0	12.5	
6	0.665	4	0.498	0.20	0.195	7.29	8.94	80370	82430	98580	101110	1.20	8.0	15.0	
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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

Ehsan-Ullah-Saad

Test Performed By: Dr. /Engr. Wasim Abbas

PM Zaheer Associate.(Site: Shapes Health Club Swimming Pool in Al-Rehman Garden Ph-II Lhr)

Client Reference: Z.A/A.R/25-21

SOM Lab

Ref: 5560(Page-1/1)

Dated: 28-12-2021

Dated: 28-12-2021

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type: Deformed Bar (Mughal 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	1.350	6	0.711	0.44	0.397	10.57	16.31	52990	58730	81750	90610	1.20	8.0	15.0	
2	1.393	6	0.722	0.44	0.409	10.88	16.38	54520	58650	82110	88330	1.40	8.0	17.5	
3	0.667	4	0.500	0.20	0.196	7.10	9.38	78350	79950	103420	105530	1.00	8.0	12.5	
4	0.678	4	0.503	0.20	0.199	7.19	9.30	79250	79650	102520	103030	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

Israr Ullah Khan

Test Performed By: Dr. /Engr. Wasim Abbas

RE NesPak.(Const. Of Underpass Across Bedian Rd Connecting Ph-VI With Ph-IX DHA, Lhr)

Client Reference: 3790/102/IUK/UET/01/17

SOM Lab

Ref: 5561(Page-1/1)

Dated: 25-12-2021

Dated: 28-12-2021

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	2.654	8	0.997	0.79	0.780	27.49	38.30	76750	77740	106920	108290	1.20	8.0	15.0	
2	2.620	8	0.990	0.79	0.770	27.29	37.64	76180	78160	105070	107800	1.40	8.0	17.5	
3	2.621	8	0.990	0.79	0.770	27.44	38.43	76610	78600	107290	110070	1.20	8.0	15.0	
4	2.662	8	0.998	0.79	0.782	25.45	34.51	71060	71790	96330	97320	1.40	8.0	17.5	
5	1.449	6	0.736	0.44	0.426	14.04	18.52	70360	72670	92840	95890	1.40	8.0	17.5	
6	1.466	6	0.741	0.44	0.431	14.22	18.32	71280	72770	91820	93740	1.20	8.0	15.0	
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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	
# 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

Sub Divisional officer,

Test Performed By: Dr. /Engr. Wasim Abbas

Building Sub Division, Nankana Sb. (Reconstruction Of Dangerous Building At GPS Dhereda Wara)

Client Reference: 396

SOM Lab

Ref: 5562 (Page-1/1)

Dated: 30-11-2021

Dated: 28-12-2021

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	1.444	6	0.735	0.44	0.424	13.22	19.52	66270	68770	97850	101540	1.20	8.0	15.0	
2	0.653	4	0.494	0.20	0.192	6.90	8.51	76100	79270	93860	97770	1.00	8.0	12.5	
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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

Syed Usama Ali

Test Performed By: Dr. /Engr. Wasim Abbas

QCE Rizwan Nazir Consulting Engrs.(Const. Of Energy Centre Of Excellence In QATPL,Bhikki,SKP)

Client Reference: UET/ECOC-QATPL/RNCE/001

SOM Lab

Ref: 5563(Page-1/1)

Dated: 27-12-2021

Dated: 28-12-2021

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	2.626	8	0.991	0.79	0.772	22.34	34.76	62380	63840	97040	99310	1.50	8.0	18.8	
2	2.603	8	0.987	0.79	0.765	22.19	34.07	61960	63980	95110	98220	1.30	8.0	16.3	
3	1.638	6	0.783	0.44	0.481	14.24	21.33	71380	65300	106890	97780	1.40	8.0	17.5	
4	1.511	6	0.752	0.44	0.444	13.32	19.93	66780	66180	99890	98990	1.50	8.0	18.8	
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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