

Irfan Aslam

Project Manager, Rafts Properties (Pvt.) Ltd, 8 -F Gulberg -II, Lahore

Test Performed By:

Dr. /Engr.

S. Asad Ali
Gillani

Client Reference: nil

Dated: 16-12-2019

Test: Tension Test & Bend Test

Gauge Length: 8 inch

Test Specification:

Sample Type:

SOM Lab

Ref: 1897(Page-2/3)

Dated: 16-12-2019

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	1.441	6	0.734	0.44	0.423	14.32	18.86	71790	74680	94530	98330	1.30	8.0	16.3	
2	1.454	6	0.737	0.44	0.427	14.63	19.13	73320	75560	95910	98830	1.20	8.0	15.0	
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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

Irfan Aslam

Project Manager, Rafts Properties (Pvt.) Ltd, 8 -F Gulberg -II, Lahore

Test Performed By:

Dr. /Engr.

S. Asad Ali
Gillani

Client Reference: nil

Dated: 16-12-2019

Test: Tension Test & Bend Test

Gauge Length: 8 inch

Test Specification:

Sample Type:

SOM Lab

Ref: 1897(Page-3/3)

Dated: 16-12-2019

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	2.563	8	0.979	0.79	0.753	26.47	36.16	73910	77540	100940	105900	1.40	8.0	17.5	
2	2.589	8	0.984	0.79	0.761	26.01	35.78	72630	75390	99890	103690	1.50	8.0	18.8	
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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

Irfan Aslam

Project Manager, Rafts Properties (Pvt.) Ltd, 8 -F Gulberg -II, Lahore

Test Performed By:

Dr. /Engr.

S. Asad Ali
Gillani

Client Reference: nil

Dated: 16-12-2019

Test: Tension Test & Bend Test

Gauge Length: 8 inch

Test Specification:

Sample Type:

SOM Lab

Ref: 1897(Page-1/31)

Dated: 16-12-2019

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	0.651	4	0.493	0.20	0.191	6.78	8.72	74750	78280	96110	100640	1.10	8.0	13.8	
2	0.658	4	0.496	0.20	0.193	6.68	8.53	73630	76300	94090	97500	1.10	8.0	13.8	
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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

Fasih Islam Khan
General Manager (Const.) Potential Engineers (Pvt.) Ltd. Lahore

Test Performed By:

Dr. /Engr.

S. Asad Ali
Gillani

Client Reference: PE-Ghazi Road/LT/508

Dated: 16-12-2019

Test: Tension Test & Bend Test

Gauge Length: 8 inch

Test Specification:

Sample Type:

SOM Lab

Ref: 1898(Page-1/1)

Dated: 16-12-2019

ASTM-A-615

Deformed Bar(City UAE 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	2.623	8	0.991	0.79	0.771	22.29	34.37	62240	63770	95960	98330	1.50	8.0	18.8	
2	2.634	8	0.993	0.79	0.774	22.50	34.42	62810	64110	96100	98090	1.30	8.0	16.3	
3	2.638	8	0.993	0.79	0.775	22.25	34.20	62130	63330	95480	97330	1.40	8.0	17.5	
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BEND TEST:

# 8	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Six 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

Fasih Islam Khan
General Manager (Const.) Potential Engineers (Pvt.) Ltd. Lahore

Test Performed By:

Dr. /Engr.

S. Asad Ali
Gillani

Client Reference: PE-Ghazi Road/LT/507

Dated: 16-12-2019

Test: Tension Test & Bend Test

Gauge Length: 8 inch

Test Specification:

Sample Type:

SOM Lab

Ref: 1899(Page-1/1)

Dated: 16-12-2019

ASTM-A-615

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	0.650	4	0.493	0.20	0.191	4.76	6.98	52500	54970	77000	80630	1.60	8.0	20.0	
2	0.641	4	0.489	0.20	0.188	4.71	6.88	51940	55250	75880	80720	1.60	8.0	20.0	
3	0.636	4	0.488	0.20	0.187	4.76	6.95	52500	56150	76660	81990	1.70	8.0	21.3	
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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	
# 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

Sub Divisional Officer (Buildings)
Sub Division, Sheikhpura

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

Client Reference: 6203/S
Dated: 03-12-2019
Test: Tension Test
Gauge Length: 8 inch

SOM Lab
Ref: 1900 (Page-1/1)
Dated: 16-12-2019
Test Specification: ASTM-A-615
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	0.697	4	0.511	0.20	0.205	5.78	8.43	63740	62180	92960	90700	1.50	8.0	18.8	
2	0.681	4	0.505	0.20	0.200	6.09	8.28	67110	67110	91280	91280	1.50	8.0	18.8	
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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