

Aamir Shahzad  
Alvi

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

PM High-Q Constructions Lhr.(Const Of High-Q Mall at 3-A Gulberg II Lahore)

Client Reference: QC/HQ/CIVIL/154

Dated : 03-11-2023

SOM Lab Ref: CED/SOM/3139(Page-1/1)

Dated : 07-11-2023

Test: Tension Test & Bend Test

Test Specification: ASTM-A 615

Sample Type: Deformed Bar

Gauge Length: 200 m

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 <sup>2</sup>	mm <sup>2</sup>	kN	kN	MPa	MPa	MPa	MPa	mm	m	%	
1	1.708	16	16.66	201	218	116.00	149.50	577	533	744	686	27.5	200	13.8	
2	1.557	16	15.89	201	198	104.50	135.70	520	527	675	684	35.0	200	17.5	
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**BEND TEST:**

16mm	Sample bend through 180 degrees Satisfactorily without any crack	<b>Note:-  Only Three Samples Received and Tested</b>

Note: Please always confirm the results of above report on web [www.uet-civil.edu.pk](http://www.uet-civil.edu.pk)

S & S Associates

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

Lahore. (Extension Of Washing Area Located at Designtex Pvt Ltd of Sapphire Textile Mills)

Client Reference: SS/TST/0010

Dated : 07-11-2023

SOM Lab Ref: CED/SOM/3141(Page-1/1)

Dated : 07-11-2023

Test: Tension Test & Bend Test

Test Specification: ASTM-A 615

Sample Type: Deformed Bar

Gauge Length: 200 m

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 <sup>2</sup>	mm <sup>2</sup>	kN	kN	MPa	MPa	MPa	MPa	mm	m	%	
1	1.686	16	16.55	201	215	114.50	149.70	569	533	745	697	37.5	200	18.8	
2	1.697	16	16.59	201	216	114.00	148.50	567	528	739	687	35.0	200	17.5	
3	1.004	12	12.76	113	128	61.50	81.50	544	481	721	638	30.0	200	15.0	
4	0.996	12	12.71	113	127	61.20	82.50	541	483	729	651	27.5	200	13.8	
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**BEND TEST:**

--	No Bend test performed	<b>Note:-  Only Four Samples Received and Tested</b>

Note: Please always confirm the results of above report on web [www.uet-civil.edu.pk](http://www.uet-civil.edu.pk)

Awais Butt  
Z & A Builders Lahore.

Test Performed By: Dr. /Engr. Wasim Abbas

Client Reference: Nil  
Dated: 07-11-2023

SOM Lab  
Ref: 3140 (Page-1/1)  
Dated: 07-11-2023

Test: Tension Test & Bend Test  
inc

Test Specification:

ASTM-A-615

Gauge Length: 8 h

Sample Type:

Deformed Bar (Mughal Supreme)

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 <sup>2</sup>	in <sup>2</sup>	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	1.478	6	0.743	0.44	0.434	15.55	19.37	77920	79000	97080	98420	1.40	8.0	17.5	
2	0.660	4	0.497	0.20	0.194	7.31	8.69	80600	83090	95770	98740	0.90	8.0	11.3	
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**BEND TEST:**

--	No Bend test performed	<b>Note:-  Only Two Samples Received and Tested</b>

Note: Please always confirm the results of above report on web [www.uet-civil.edu.pk](http://www.uet-civil.edu.pk)

Executive Engineer (KSK)

Test Performed By: Dr. /Engr. Wasim Abbas

B&W Deptt.UET Lhr.(Const. Of Girls Hostel For Deptt of Computer Science at New Campus KSK)

Client Reference: B&W/XEN/KSK 1406

SOM Lab

Ref: 3142 (Page-1/1)

Dated: 26-10-2023

Dated: 07-11-2023

Test: Tension Test & Bend Test  
inc

Test Specification:

ASTM-A-615

Deformed

Gauge Length: 8 h

Sample Type:

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 <sup>2</sup>	in <sup>2</sup>	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	2.670	8	1.000	0.79	0.785	26.88	34.00	75050	75520	94910	95510	1.50	8.0	18.8	
2	2.672	8	1.000	0.79	0.785	26.47	33.81	73910	74380	94400	95000	1.60	8.0	20.0	
3	1.502	6	0.749	0.44	0.441	14.93	20.05	74860	74690	100500	100280	1.50	8.0	18.8	
4	1.499	6	0.749	0.44	0.441	15.01	20.23	75210	75040	101420	101190	1.50	8.0	18.8	
5	0.670	4	0.501	0.20	0.197	6.85	8.63	75540	76690	95210	96660	1.30	8.0	16.3	
6	0.668	4	0.500	0.20	0.196	6.98	8.87	77000	78570	97800	99790	1.30	8.0	16.3	
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**BEND TEST:**

# 8	Sample bend through 180 degrees Satisfactorily without any crack	<b>Note:- Only Nine Samples Received and Tested</b>
# 6	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](http://www.uet-civil.edu.pk)

Muhammad Imran Khan,ME  
ECSP Lahore.(Const Of MPA`S Hostel Lahore,Phase -II)

Test Performed By: Dr. /Engr. Wasim Abbas

Client Reference: 340/ECSP/MPA/ME/73

SOM Lab

Ref: 3143 (Page-1/2)

Dated: 31-10-2023

Dated: 07-11-2023

Test: Tension Test & Bend Test  
inc

Test Specification: ASTM-A-615

Gauge Length: 8 h

Sample Type:

Deformed Bar (Sheikhoo 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 <sup>2</sup>	in <sup>2</sup>	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	2.67 2	8	1.00 0	0.7 9	0.78 5	26.07	34.32	72770	73230	95820	96430	1.4 0	8. 0	17. 5	
2	2.67 1	8	1.00 0	0.7 9	0.78 5	26.04	34.20	72710	73180	95480	96090	1.5 0	8. 0	18. 8	
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**BEND TEST:**

# 8	Sample bend through 180 degrees Satisfactorily without any crack	<b>Note:-  Only Three Samples Received and Tested</b>

Note: Please always confirm the results of above report on web [www.uet-civil.edu.pk](http://www.uet-civil.edu.pk)

Muhammad Imran Khan,ME  
ECSP Lahore.(Const Of MPA`S Hostel Lahore,Phase -II)

Test Performed By: Dr. /Engr. Wasim Abbas

Client Reference: 340/ECSP/MPA/ME/72

SOM Lab

Ref: 3143 (Page-2/2)

Dated: 31-10-2023

Dated: 07-11-2023

Test: Tension Test & Bend Test  
inc

Test Specification:

ASTM-A-615

Gauge Length: 8 h

Sample Type:

Deformed Bar (Sheikhoo 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 <sup>2</sup>	in <sup>2</sup>	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	1.503	6	0.750	0.44	0.442	15.01	19.03	75210	74870	95400	94960	1.50	8.0	18.8	
2	1.501	6	0.749	0.44	0.441	15.36	19.24	77000	76830	96420	96200	1.50	8.0	18.8	
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**BEND TEST:**

# 6	Sample bend through 180 degrees Satisfactorily without any crack	<b>Note:- Only Three Samples Received and Tested</b>

Note: Please always confirm the results of above report on web [www.uet-civil.edu.pk](http://www.uet-civil.edu.pk)

Engineer Muhammad Irfan  
Asst Dir Infra. DHA Gujranwala.(Sector L)

Test Performed By: Dr. /Engr. Wasim Abbas

Client Reference: 111/15/AD/RS/Lab/Sec L/536

SOM Lab

Ref: 3144 (Page-1/1)

Dated: 06-11-2023

Dated: 07-11-2023

Test: Tension Test & Bend Test  
inc

Test Specification:

ASTM-A-615

Gauge Length: 8 h

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 <sup>2</sup>	in <sup>2</sup>	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	1.519	6	0.754	0.44	0.446	13.20	19.83	66170	65280	99380	98040	1.60	8.0	20.0	
2	1.516	6	0.754	0.44	0.446	13.10	19.72	65660	64780	98870	97540	1.40	8.0	17.5	
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**BEND TEST:**

# 6	Sample bend through 180 degrees Satisfactorily without any crack	<b>Note:-  Only Three Samples Received and Tested</b>

Note: Please always confirm the results of above report on web [www.uet-civil.edu.pk](http://www.uet-civil.edu.pk)