

Qasim Ali  
Senior Manager Project-Civil, Volka Food International.Ltd.Multan

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

**Client Reference:** VFI/Civil/17

**SOM Lab**

**Ref:** 2147 (Page-1/1)

**Dated:** 13-04-2023

**Dated:** 05-05-2023

**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 <sup>2</sup>	in <sup>2</sup>	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	1.520	6	0.754	0.44	0.447	15.14	18.96	75880	74690	95040	93550	1.30	8.0	16.3	
2	1.528	6	0.756	0.44	0.449	16.31	19.88	81750	80120	99640	97640	1.40	8.0	17.5	
3	0.598	4	0.473	0.20	0.176	7.39	9.07	81500	92610	100050	113690	1.00	8.0	12.5	
4	0.594	4	0.472	0.20	0.175	7.00	8.41	77230	88260	92740	105990	1.10	8.0	13.8	
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**BEND TEST:**

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

Al- Imam PMC (Pvt) Ltd.  
 PM Al-Imam 47-L Model Town Ext, Lahore.(2nd Batch)

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

**Client Reference:** ALM/CMPak/FSD/5-23

**SOM Lab**

**Ref:** 2149 (Page-1/1)

**Dated:** 04-05-2023

**Dated:** 05-05-2023

**Test:** Tension Test & Bend Test

**Test Specification:** ASTM-A-615

**Gauge Length:** 8 inch

**Sample Type:** 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 <sup>2</sup>	in <sup>2</sup>	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	0.605	4	0.476	0.20	0.178	5.49	8.40	60590	68080	92630	104070	1.20	8.0	15.0	
2	0.586	4	0.468	0.20	0.172	5.30	8.20	58460	67970	90380	105090	1.10	8.0	13.8	
3	0.587	4	0.469	0.20	0.173	5.30	8.20	58460	67580	90380	104480	1.20	8.0	15.0	
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**BEND TEST:**

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

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

Hussain Construction Company  
Lahore.(Allied Health School C.M.H Medical Dental College)

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

**Client Reference:** Nil

**SOM Lab**

**Ref:** 2150 (Page-1/1)

**Dated:** 05-05-2023

**Dated:** 05-05-2023

**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 <sup>2</sup>	in <sup>2</sup>	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	2.628	8	0.991	0.79	0.772	26.60	35.80	74250	75980	99950	102280	1.30	8.0	16.3	
2	2.615	8	0.989	0.79	0.768	25.99	34.50	72570	74650	96300	99060	1.30	8.0	16.3	
3	1.476	6	0.743	0.44	0.434	15.20	18.80	76180	77240	94220	95520	1.50	8.0	18.8	
4	1.483	6	0.745	0.44	0.436	15.20	18.90	76180	76880	94730	95600	1.20	8.0	15.0	
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**BEND TEST:**

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

Muhammad Hassan Khan,RE

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

Nespak Lahore.(Const Of Underpass at Ghulab Davi hospital and Additional Lanes On Lahore bridge)

Client Reference: 3772/103/GD/RE/05/416

SOM Lab

Ref: 2151 (Page-1/1)

Dated: 27-04-2023

Dated: 05-05-2023

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

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	1.480	6	0.744	0.44	0.435	14.44	18.88	72400	73240	94630	95720	1.10	8.0	13.8	
2	1.476	6	0.743	0.44	0.434	14.24	18.76	71380	72370	94020	95320	1.30	8.0	16.3	
3	1.070	5	0.632	0.31	0.314	9.89	13.31	70350	69450	94710	93510	1.20	8.0	15.0	
4	1.052	5	0.627	0.31	0.309	10.09	13.35	71800	72030	95000	95310	1.10	8.0	13.8	
5	0.659	4	0.497	0.20	0.194	6.83	8.84	75320	77650	97460	100470	1.20	8.0	15.0	
6	0.659	4	0.497	0.20	0.194	6.88	8.84	75880	78220	97460	100470	1.30	8.0	16.3	
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**BEND TEST:**

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