

M.Waqas Anwar,RE

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

Nespak Lahore.(Dev Of a Controlled Access Corridor Facility From Niazi Interchange to Babu Sabu)

**Client Reference:** 3772/103/NBI(P-I)/MWA/04/89

**SOM Lab** 3324 (Page-  
**Ref:** 1/1)

**Dated:** 28-11-2023

**Dated:** 08-12-2023

**Test:** Tension Test & Bend Test

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

**Gauge Length:** 8 inch

**Sample Type:** Deformed Bar (Batala Premium)

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	2.647	8	0.995	0.79	0.778	22.78	35.93	63610	64590	100320	101860	1.30	8.0	16.3	
2	2.647	8	0.995	0.79	0.778	22.68	35.73	63320	64300	99750	101280	1.50	8.0	18.8	
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**BEND TEST:**

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

Tariq Saeed Shah  
Sr. Manager Civil Shangrila Foods (Pvt) Ltd. Karachi

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

Client Reference: Nil

Dated: 04-12-2023

Test: Tension Test & Bend Test

Gauge Length: 8 inch

Test Specification:

Sample Type:

SOM Lab

Ref:

Dated:

ASTM-A-615

Deformed Bar

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08-12-2023

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	2.590	8	0.984	0.79	0.761	28.19	35.29	78690	81690	98520	102280	1.20	8.0	15.0	
2	2.606	8	0.988	0.79	0.766	28.13	35.27	78550	81010	98470	101550	1.10	8.0	13.8	
3	1.679	6	0.792	0.44	0.493	16.62	21.78	83290	74330	109190	97450	1.20	8.0	15.0	
4	1.673	6	0.791	0.44	0.492	16.92	21.76	84820	75860	109090	97560	1.20	8.0	15.0	
5	0.609	4	0.477	0.20	0.179	5.98	7.65	65990	73730	84310	94200	1.20	8.0	15.0	
6	0.606	4	0.476	0.20	0.178	6.19	7.90	68230	76670	87120	97890	1.00	8.0	12.5	
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**BEND TEST:**

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

Sub Divisional officer,

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

BSD No.1,Multan.(Estb of District Court Complex Multan, Group No.1,Main Building -Court Block)

**Client Reference:** 947/1st

**SOM Lab** 3326 (Page-

**Ref:** 1/1)

**Dated:** 15-09-2023

**Dated:** 08-12-2023

**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	2.659	8	0.997	0.79	0.781	26.71	35.24	74560	75420	98380	99510	1.50	8.0	18.8	
2	2.641	8	0.994	0.79	0.776	26.47	35.32	73910	75240	98610	100390	1.30	8.0	16.3	
3	1.488	6	0.746	0.44	0.437	15.39	19.54	77160	77680	97950	98620	1.20	8.0	15.0	
4	1.481	6	0.744	0.44	0.435	15.24	19.49	76390	77270	97690	98820	1.30	8.0	16.3	
5	0.648	4	0.492	0.20	0.190	6.34	8.66	69920	73600	95550	100580	1.40	8.0	17.5	
6	0.647	4	0.492	0.20	0.190	6.34	8.69	69920	73600	95770	100810	1.40	8.0	17.5	
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**BEND TEST:**

--	No Bend test performed	<b>Note:-</b>  Only Six 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)

Raja Muhammad Aqeel

Astt Dir. Building Section DHA Gujranwala. (Const Of 06 Marla Villas Block-E)

**Test Performed By:**

Dr. /Engr. Asad Ali Gillani

**Client Reference:** 111/3/AD Bldgs/Lab/1300

**Dated:** 22-Nov-2023

**Test:** Tension Test & Bend Test

**Gauge Length:** 8 inch

**Test Specification:**

**Sample Type:**

**SOM Lab**

**Ref:**

**Dated:**

ASTM-A-615

Deformed Bar (AK Supreme Steel)

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08-12-2023

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	0.646	4	0.492	0.20	0.190	6.57	9.12	72510	76320	100610	105900	1.20	8.0	15.0	
2	0.641	4	0.489	0.20	0.188	5.71	9.14	62950	66970	100830	107270	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 Three 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)