

Osmani & Compny (Pvt) Ltd.

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

Engr Representative ,Const Of Greenfield Aerodrome For General aviation Activities At Muridke)

Client Reference: OCL/CAA/MAD-ER/10-2K22/20

SOM Lab 1080 (Page-

Ref: 1/1)

Dated: 11-10-2022

Dated: 13-10-2022

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type: Deformed Bar (SJ 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	1.520	6	0.754	0.44	0.447	15.01	18.37	75210	74040	92070	90630	1.50	8.0	18.8	
2	1.523	6	0.755	0.44	0.448	15.09	18.47	75620	74270	92590	90930	1.50	8.0	18.8	
3	0.655	4	0.494	0.20	0.192	6.65	8.94	73290	76350	98580	102690	1.20	8.0	15.0	
4	0.649	4	0.493	0.20	0.191	7.16	8.92	78910	82630	98360	102990	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)

Muhammad Azmat ,RE

**Test Performed By:**

Dr. /Engr. Asad Ali Gillani

Nespak-Turk Pak JV, MCH Bwn.(Estb Of 200 Bedded Mother And Child Hospital & Nursing College)

**Client Reference:** 4460/13/MA/04/55

**SOM Lab** 1081 (Page-

**Ref:** 1/2)

**Dated:** 04-10-2022

**Dated:** 13-10-2022

**Test:** Tension Test & Bend Test

**Test Specification:**

ASTM-A-615

**Gauge Length:** 8 inch

**Sample Type:**

Deformed Bar (Faizan 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	2.633	8	0.993	0.79	0.774	23.39	32.44	65310	66660	90550	92430	1.50	8.0	18.8	
2	2.646	8	0.995	0.79	0.778	23.40	32.82	65340	66350	91640	93050	1.40	8.0	17.5	
3	1.523	6	0.755	0.44	0.448	15.41	20.90	77260	75880	104750	102880	1.40	8.0	17.5	
4	1.522	6	0.754	0.44	0.447	14.90	20.66	74700	73530	103570	101950	1.30	8.0	16.3	
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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 Azmat ,RE

**Test Performed By:**

Dr. /Engr. Asad Ali Gillani

Nespak-Turk Pak JV, MCH Bwn.(Estb Of 200 Bedded Mother And Child Hospital & Nursing College)

**Client Reference:** 4460/13/MA/04/58

**SOM Lab** 1081 (Page-

**Ref:** 2/2)

**Dated:** 04-10-2022

**Dated:** 13-10-2022

**Test:** Tension Test & Bend Test

**Test Specification:**

ASTM-A-615

**Gauge Length:** 8 inch

**Sample Type:**

Deformed Bar (Faizan 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	0.651	4	0.493	0.20	0.191	6.32	8.66	69700	72980	95550	100050	1.30	8.0	16.3	
2	0.666	4	0.500	0.20	0.196	6.32	8.69	69700	71120	95770	97730	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)

Engr.Zahid Nisar Hashmi

**Test Performed By:**

Dr. /Engr. Asad Ali Gillani

Head MP.Shaukat Khanum Memorial Trust.(Const.Of Multi-Storeied Parking Garage SKMCH&RC,Lhr)

**Client Reference:** SKM/PG/UET/10/16

**SOM Lab** 1082 (Page-

**Ref:** 1/1)

**Dated:** 13-10-2022

**Dated:** 13-10-2022

**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	0.639	4	0.489	0.20	0.188	6.07	8.41	66890	71150	92740	98660	1.30	8.0	16.3	
2	0.660	4	0.497	0.20	0.194	6.12	8.43	67450	69530	92960	95840	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)

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

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

Client Reference: VFI/Civil/15

SOM Lab 1083 (Page-

Ref: 1/1)

Dated: 13-10-2022

Dated: 13-10-2022

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	2.672	8	1.000	0.79	0.785	24.77	34.73	69160	69600	96960	97570	1.40	8.0	17.5	
2	2.623	8	0.991	0.79	0.771	22.32	32.44	62330	63860	90550	92790	1.30	8.0	16.3	
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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)

Engr. Muhammad Zubair

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

RE ACES.(PC 150`B/W Sector-T ,X & W1,W2),DHA Multan)

Client Reference: RE/W1&W2/Lab/01

SOM Lab

1085 (Page-

Ref:

1/1)

Dated: 07-10-2022

Dated:

13-10-2022

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (SJ 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	0.655	4	0.494	0.20	0.192	6.68	8.97	73630	76700	98920	103040	1.30	8.0	16.3	
2	0.634	4	0.487	0.20	0.186	6.52	8.61	71940	77360	94990	102140	1.10	8.0	13.8	
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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)

