

Muhammad Hassan Khan, RE

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

Nespak Lahore.(Const.Of Underpass Along Bedian Road at Roundabout Near Lahore Ring Road Lhr)

Client Reference: 3772/103/BU/MHK/04/24

SOM Lab

Ref: 2730 (Page-1/1)

Dated: 22-08-2023

Dated: 24-08-2023

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 ²	in ²	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	2.569	8	0.980	0.79	0.755	24.11	33.35	67310	70430	93120	97430	1.60	8.00	20.00	
2	2.572	8	0.981	0.79	0.756	23.82	33.51	66510	69500	93540	97750	1.40	8.00	17.50	
3	1.051	5	0.627	0.31	0.309	10.04	13.58	71440	71670	96600	96910	1.10	8.00	13.80	
4	1.050	5	0.627	0.31	0.309	9.91	13.63	70490	70720	96960	97280	1.20	8.00	15.00	
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BEND TEST:

# 8	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Six Samples Received and Tested
# 5	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

Qasim Ali

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

Senior Manager Project-Civil Vision Packaging,Volka Food International.Ltd.Multan

Client Reference: VFI/Civil/22

SOM Lab

Ref: 2731 (Page-1/1)

Dated: 23-08-2023

Dated: 23-08-2023

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 ²	in ²	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	2.61 1	8	0.98 8	0.7 9	0.76 7	25.74	32.67	71860	74010	91210	93940	1.5 0	8. 0	18. 8	
2	2.55 8	8	0.97 9	0.7 9	0.75 2	26.52	32.98	74050	77790	92060	96710	1.4 0	8. 0	17. 5	
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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

Shair Muhammad, PM/DTL

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

Osmani & Compny EDCS Project Pakpattan.(Punjab Rural Sustainable W/Supply & Sanitation Project)

Client Reference: PM/OCL/PRSWSSP/EDCS/2023/22

SOM Lab

Ref: 2732 (Page-1/2)

Dated: 18-08-2023

Dated: 24-08-2023

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 ²	in ²	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	1.475	6	0.743	0.44	0.433	14.27	18.20	71540	72690	91210	92680	1.50	8.0	18.8	
2	1.468	6	0.741	0.44	0.431	14.32	18.40	71790	73290	92230	94150	1.40	8.0	17.5	
3	0.662	4	0.498	0.20	0.195	7.03	8.92	77560	79550	98360	100880	1.00	8.0	12.5	
4	0.664	4	0.498	0.20	0.195	7.00	8.99	77230	79210	99150	101690	1.10	8.0	13.8	
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BEND TEST:

# 6	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	

Note: Please always confirm the results of above report on web www.uet-civil.edu.pk

Shair Muhammad, PM/DTL

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

Osmani & Compny EDCS Project Pakpattan.(Punjab Rural Sustainable W/Supply & Sanitation Project)

Client Reference: PM/OCL/PRSWSSP/EDCS/2023/31

SOM Lab

Ref: 2732 (Page-2/2)

Dated: 22-08-2023

Dated: 24-08-2023

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 ²	in ²	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	2.629	8	0.992	0.79	0.773	25.59	32.50	71430	73000	90730	92720	1.40	8.0	17.5	
2	2.632	8	0.992	0.79	0.773	25.54	32.47	71290	72860	90640	92630	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