

Khurram Tariq

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

RE Nespak.(Dulization Of Road From Mandi Baha-ud-din to Sarai Alam Gir Canal Pull Main GT Rd)

Client Reference: 4376-D/103/KT/02/173

SOM Lab

Ref: 2492 (Page-1/1)

Dated: 15-06-2023

Dated: 22-06-2023

Test: Tension Test & Bend Test  
inc

Test Specification:

ASTM-A-615

Gauge Length: 8 h

Sample Type:

Deformed Bar (Nomee 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	1.48 2	6	0.74 5	0.4 4	0.43 6	13.20	18.17	66170	66780	91050	91890	1.5 0	8. 0	18. 8	
2	1.07 2	5	0.63 3	0.3 1	0.31 5	11.57	14.98	82310	81010	10661 0	10492 0	1.2 0	8. 0	15. 0	
3	0.67 2	4	0.50 1	0.2 0	0.19 7	5.52	8.28	60930	61860	91280	92670	1.2 0	8. 0	15. 0	
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**BEND TEST:**

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

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/20

SOM Lab

Ref: 2493 (Page-1/1)

Dated: 13-06-2023

Dated: 22-06-2023

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

inc

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	2.665	8	0.998	0.79	0.783	25.45	36.70	71060	71700	102450	103370	1.30	8.0	16.3	
2	2.667	8	0.999	0.79	0.784	25.13	35.65	70150	70690	99520	100280	1.40	8.0	17.5	
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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)

Raza, Site Engineer  
City Builders Lahore.

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

Client Reference: CB/KCW-LC/04

SOM Lab

Ref: 2494 (Page-1/1)

Dated: 21-06-2023

Dated: 22-06-2023

Test: Tension Test & Bend Test  
inc

Test Specification:

ASTM-A-615

Gauge Length: 8 h

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	2.602	8	0.987	0.79	0.765	27.85	36.29	77750	80290	101310	104620	1.50	8.0	18.8	
2	2.637	8	0.993	0.79	0.775	27.65	36.03	77180	78670	100600	102550	1.40	8.0	17.5	
3	1.527	6	0.756	0.44	0.449	13.76	18.42	68980	67600	92330	90480	1.30	8.0	16.3	
4	1.529	6	0.756	0.44	0.449	13.40	18.65	67190	65850	93510	91630	1.30	8.0	16.3	
5	0.668	4	0.500	0.20	0.196	6.47	9.07	71380	72840	100050	102090	1.30	8.0	16.3	
6	0.672	4	0.501	0.20	0.197	6.57	8.63	72510	73610	95210	96660	1.20	8.0	15.0	
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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	
# 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)

Imran Qamar  
Burj Colony, Lahore Cantt.

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

Client Reference: Nil  
Dated: 22-06-2023

SOM Lab  
Ref: 2496 (Page-1/1)  
Dated: 22-06-2023

Test: Tension Test & Bend Test  
Gauge Length: 8 h

Test Specification: 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	1.514	6	0.753	0.44	0.445	14.42	19.62	72300	71490	98360	97250	1.20	8.00	15.00	
2	1.524	6	0.755	0.44	0.448	14.53	19.52	72810	71510	97850	96100	1.20	8.00	15.00	
3	0.671	4	0.501	0.20	0.197	6.07	8.07	66890	67900	89030	90390	1.30	8.00	16.30	
4	0.667	4	0.500	0.20	0.196	6.07	8.12	66890	68250	89590	91420	1.30	8.00	16.30	
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**BEND TEST:**

# 5	Sample bend through 180 degrees Satisfactorily without any crack	<b>Note:-</b>  <b>Only Six Samples Received and Tested</b>
# 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/04/273 SOM Lab  
 Ref: 2497 (Page-1/1)  
 Dated: 21-06-2023 Dated: 22-06-2023  
 Test: Tension Test & Bend Test Test Specification: ASTM-A-615  
 Deformed Bar (SJ)  
 Gauge Length: 8 h Sample Type: 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	2.649	8	0.995	0.79	0.778	26.98	34.45	75330	76490	96190	97670	1.40	8.00	17.5	
2	2.652	8	0.996	0.79	0.779	26.91	34.42	75130	76190	96100	97460	1.50	8.00	18.8	
3	1.477	6	0.743	0.44	0.434	13.91	19.03	69750	70710	95400	96710	1.30	8.00	16.3	
4	1.469	6	0.742	0.44	0.432	13.63	18.73	68320	69580	93860	95600	1.30	8.00	16.3	
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**BEND TEST:**

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