

Brig.Saeed Ahmad Malik SI(M),(R)
RE Nespak,Lahore.(MCL Projects)

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

Client Reference: 4084/103/BSAM/104/558

Dated: 16-11-2021

SOM Lab Ref: CED/SOM/5364(Page-1/2)

Dated: 25-11-2021

Test: Tension Test & Bend Test

Test Specification: ASTM-A 615

Sample Type: M S Deformed Bar

Gauge Length: 200 mm

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)				
	kg/m	mm	mm	mm ²	mm ²	kN	kN	MPa	MPa	MPa	MPa	mm	mm	%	
1	3.899	25	25.16	491	497	229.00	346.20	467	461	705	697	27.5	200	13.8	
2	3.913	25	25.19	491	498	230.70	349.20	470	463	711	701	25.0	200	12.5	
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BEND TEST:

25mm	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

Sub divisional Officer,

Test Performed By:

Dr. /Engr. Asad Ghalani

Rawal Link Sub Division Sialkot.(The Work Flood Protection Of Sialkot Against Aik Nullah)

Client Reference: 257/17-W

SOM Lab

Ref: 5362(Page-1/1)

Dated: 24-11-2021

Dated: 25-11-2021

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (Aithad 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	1.476	6	0.743	0.44	0.434	10.57	15.60	52990	53720	78180	79260	1.60	8.0	20.0	
2	1.504	6	0.750	0.44	0.442	11.08	16.00	55540	55290	80220	79860	1.60	8.0	20.0	
3	0.664	4	0.498	0.20	0.195	6.42	7.80	70820	72640	85990	88200	1.50	8.0	18.8	
4	0.663	4	0.498	0.20	0.195	5.37	7.80	59240	60760	85990	88200	1.40	8.0	17.5	
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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

Sub divisional Officer,

Test Performed By:

Dr. /Engr. Asad Gillani

Highway Sub Division Sargodha.(Rehabilitation Of Rd From Sillanwali To Chak No 58/Janubi)

Client Reference: 1291/S

SOM Lab

Ref: 5363(Page-1/1)

Dated: 15-09-2017

Dated: 25-11-2021

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	2.713	8	1.007	0.79	0.797	23.75	32.90	66310	65730	91840	91030	1.60	8.0	20.0	
2	2.700	8	1.005	0.79	0.793	24.06	33.94	67160	66910	94770	94410	1.60	8.0	20.0	
3	0.664	4	0.498	0.20	0.195	6.09	8.18	67110	68830	90150	92460	1.30	8.0	16.3	
4	0.658	4	0.496	0.20	0.193	5.93	8.07	65420	67800	89030	92260	1.40	8.0	17.5	
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BEND TEST:

# 8	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

Bring.Saeed Ahmad Malik SI(M),®
RE Nespak,Lahore (MCL Projects)

Test Performed By: Dr. /Engr. Asad Gillani

Client Reference: 4048/103/BSAM/104/554

SOM Lab

Ref: 5364(Page-2/2)

Dated: 16-11-2021

Dated: 25-11-2021

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	0.674	4	0.502	0.20	0.198	5.15	7.10	56770	57340	78350	79140	1.80	8.0	22.5	
2	0.667	4	0.500	0.20	0.196	5.15	7.10	56770	57930	78350	79950	1.70	8.0	21.3	
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BEND TEST:

# 4	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

Test Performed By: Dr. Asad Gillani

Syed Hamayoun Iqbal
Manager Administration
Umar Spinning Mills Limited Raiwind.

Client Reference: Nil

Dated: 25-11-2021

SOM Lab Ref: CED/SOM/5365(Page-1/2)

Dated: 25-11-2021

Test: Bend Test (Old Razav)

Test Specification: ASTM-A -615

Sample Type: Deformed Steel Bar

BEND TEST:

#8	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Four Samples
#6	Sample bend through 180 degrees Satisfactorily without any crack	

#4	Sample bend through 180 degrees Satisfactorily without any crack	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		

Test Performed By: Dr. Asad Gillani

Syed Hamayoun Iqbal

Manager Administration

Umar Spinning Mills Limited Raiwind.

Client Reference: Nil

Dated: 25-11-2021

SOM Lab Ref: CED/SOM/5365(Page-2/2)

Dated: 25-11-2021

Test: Bend Test(New Naveena)

Test Specification: ASTM-A -615

Sample Type: Deformed Steel Bar

<u>BEND TEST:</u>		
#8	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Four Samples Received and Tested
#6	Sample bend through 180 degrees Satisfactorily without any crack	
#4	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		