

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-II)/MWA/04/396

SOM Lab

Ref: 4369 (Page-1/1)

Dated: 05-06-2024

Dated: 02-07-2024

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type: Deformed Bar (FF 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	1.494	6	0.748	0.44	0.439	15.31	20.25	76750	76920	101530	101760	1.20	8.0	15.0	
2	1.498	6	0.748	0.44	0.440	15.41	20.29	77260	77260	101680	101680	1.30	8.0	16.3	
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BEND TEST:

# 6	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

Zaheer Abbas

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

Snr Manager Const. Beaconhouse School System.(Const at Wapda Town Lahore)

Client Reference: Nil

SOM Lab

Ref:

4370 (Page-1/1)

Dated: 01-07-2024

Dated:

02-07-2024

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	2.619	8	0.990	0.79	0.770	25.59	33.18	71430	73290	92630	95040	1.40	8.0	17.5	
2	2.574	8	0.981	0.79	0.756	25.59	32.79	71430	74640	91550	95670	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

Zaheer Abbas

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

Snr Manager Const. Beaconhouse School System.(Const at Wapda Town Lahore)

Client Reference: Nil

SOM Lab

Ref:

4371 (Page-1/1)

Dated: 27-06-2024

Dated:

02-07-2024

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	1.462	6	0.740	0.44	0.430	15.16	18.91	75980	77750	94780	96990	1.40	8.0	17.5	
2	1.358	6	0.713	0.44	0.399	15.39	18.65	77160	85080	93510	103110	1.30	8.0	16.3	
3	0.673	4	0.502	0.20	0.198	7.10	8.58	78350	79140	94650	95610	1.20	8.0	15.0	
4	0.668	4	0.500	0.20	0.196	7.05	8.36	77790	79380	92180	94060	1.00	8.0	12.5	
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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

Shaukat Mehmood, Chief QS

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

Master Consulting Engineering (Pvt) Ltd.(Revamping of Services Hospital Lahore)

Client Reference: Revamping/Services/camp/64

SOM Lab

Ref:

4372 (Page-1/1)

Dated: 02-07-2024

Dated:

02-07-2024

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	1.507	6	0.751	0.44	0.443	14.55	18.76	72910	72420	94020	93380	1.50	8.0	18.8	
2	0.677	4	0.503	0.20	0.199	6.24	8.58	68800	69140	94650	95130	1.10	8.0	13.8	
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BEND TEST:

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