

M.Munir
 Const Manager Minky & associates (Pvt) Ltd.(34-S, Gulberg II Lahore)

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

Client Reference: MA/UET/34/2312

SOM Lab

Ref: 1693 (Page-1/1)

Dated: 02-02-2023

Dated: 02-02-2023

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 2	8	0.98 9	0.7 9	0.76 8	26.45	34.30	73850	75970	95760	98510	1.3 0	8. 0	16. 3	
2	1.50 3	6	0.75 0	0.4 4	0.44 2	13.91	19.62	69750	69430	98360	97910	1.5 0	8. 0	18. 8	
3	0.67 1	4	0.50 1	0.2 0	0.19 7	7.10	9.55	78350	79540	10533 0	10693 0	1.2 0	8. 0	15. 0	
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BEND TEST:

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

Javid Iqbal
Riz Builders Lahore.(Din Plaza ,Johar Town Lahore)

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

Client Reference: Nil

Dated: 01-02-2023

Test: Tension Test & Bend Test

Gauge Length: 8 inch

Test Specification:

Sample Type:

SOM Lab

Ref: 1694 (Page-1/1)

Dated: 02-02-2023

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 ²	in ²	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	2.638	8	0.993	0.79	0.775	24.36	34.93	68020	69330	97530	99410	1.20	8.0	15.0	
2	1.501	6	0.749	0.44	0.441	14.09	20.25	70620	70460	101530	101300	1.20	8.0	15.0	
3	0.675	4	0.502	0.20	0.198	6.68	8.99	73630	74370	99150	100150	0.90	8.0	11.3	
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BEND TEST:

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

Syed Mubashar Hassan,RE

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

NESPAK Sargodha.(Dualization Of Rd From Salam To Sargodha Via Bhalwal Ajnala Rd L 47.00Km)

Client Reference: 4376/SMH/23/3143

SOM Lab

Ref: 1695 (Page-1/1)

Dated: 20-01-2023

Dated: 02-02-2023

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Deformed Bar (SJ

Gauge Length: 8 inch

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 ²	in ²	Tons	Tons	psi	psi	psi	psi	in	in	%		
1	2.675	8	1.000	0.79	0.786	27.01	34.63	75420	75800	96670	97160	1.50	8.00	18.8		
2	2.713	8	1.007	0.79	0.797	26.71	34.37	74560	73910	95960	95120	1.40	8.00	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

Akhtar Mahmood,RE

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

Nespak Multan.(Upgradation And Environment Improvement Of Chungi No.09 Disposal Station,Multan)

Client Reference: 4069/11/HAM/01/167

SOM Lab

Ref: 1696 (Page-1/1)

Dated: 25-01-2023

Dated: 02-02-2023

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	0.736	4	0.524	0.20	0.216	7.56	9.40	83410	77230	103640	95970	1.20	8.0	15.0	
2	0.737	4	0.526	0.20	0.217	7.51	9.43	82850	76360	103980	95830	1.30	8.0	16.3	
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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

Muhammad Asif Bajwa,RE

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

NESPAK Nankana Sahib.(Rehb/Re-Const Of Rd From NNS To Shahkot L 25.28Km)

Client Reference: 3811/103/ADPNS/AB/10

SOM Lab

Ref: 1697 (Page-1/1)

Dated: 31-01-2023

Dated: 02-02-2023

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	0.670	4	0.501	0.20	0.197	6.85	8.77	75540	76690	96670	98140	1.00	8.00	12.5	
2	0.670	4	0.501	0.20	0.197	6.65	8.66	73290	74410	95550	97000	1.00	8.00	12.5	
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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