

Aamir Shahzad
Alvi

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

PM High-Q Constructions Lhr.(Const Of High-Q Mall at 3-A Gulberg II Lahore)

Client Reference: QC/HQ/CIVIL/153

Dated : 01-11-2023

SOM Lab Ref: CED/SOM/3114(Page-1/1)

Dated : 02-11-2023

Test: Tension Test & Bend Test

Test Specification: ASTM-A 615

Sample Type: Deformed Bar

Gauge Length: 200 m

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	m	%	
1	3.884	25	25.11	491	495	246.70	341.50	503	499	696	690	40.0	200	20.0	
2	3.866	25	25.04	491	492	241.20	338.00	491	490	689	687	35.0	200	17.5	
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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

Ahsan Safdar, ARE

Nespak Lahore.(Const Of Disposal Station and Sewer Line From Purana kahna To Sua-E-Asal Drain)

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

Client Reference: 4671/MZA/121

Dated: 28-10-2023

Test: Tension Test & Bend Test
inc

Gauge Length: 8 h

Test Specification:

Sample Type:

SOM Lab

Ref: 3113 (Page-1/2)

Dated: 02-11-2023

ASTM-A-615

Def. 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	2.67 1	8	1.00 0	0.7 9	0.78 5	24.23	34.45	67650	68080	96190	96800	1.3 0	8. 0	16. 3	
2	2.67 1	8	1.00 0	0.7 9	0.78 5	26.04	35.65	72710	73180	99520	10015 0	1.2 0	8. 0	15. 0	
3	1.51 5	6	0.75 3	0.4 4	0.44 5	15.41	19.57	77260	76390	98100	97000	1.4 0	8. 0	17. 5	
4	1.52 7	6	0.75 6	0.4 4	0.44 9	16.62	20.69	83290	81620	10372 0	10164 0	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 Six Samples Received and Tested
# 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

Ahsan Safdar, ARE

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

Nespak Lahore.(Const Of Disposal Station and Sewer Line From Purana kahna To Sua-E-Asal Drain)

Client Reference: 4671/MZA/118

SOM Lab

Ref: 3113 (Page-2/2)

Dated: 24-10-2023

Dated: 02-11-2023

Test: Tension Test & Bend Test
inc

Test Specification:

ASTM-A-615

Gauge Length: 8 h

Sample Type:

Def. 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	0.234	4	0.296	0.20	0.069	5.83	7.75	64300	186370	85430	247620	1.30	8.0	16.3	
2	0.672	4	0.501	0.20	0.197	5.68	7.67	62610	63570	84530	85820	1.40	8.0	17.5	
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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

M. Ali Haider Ch.

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

PE Prosperity Consultants Lhr.(EPC/Turnkey Basis Of 132/11.5 KV Grid Station #1 DHA Gujranwala)

Client Reference: DHA Guj/GRID/773

SOM Lab

Ref: 3115 (Page-1/1)

Dated: 31-10-2023

Dated: 02-11-2023

Test: Tension Test & Bend Test
inc

Test Specification:

ASTM-A-615

Gauge Length: 8 h

Sample Type:

Deformed Bar (Kamran 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	0.656	4	0.496	0.20	0.193	6.65	8.82	73290	75950	97230	100760	1.20	8.0	15.0	
2	0.652	4	0.494	0.20	0.192	6.52	8.77	71940	74940	96670	100700	1.10	8.0	13.8	
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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

Bismillah Developers

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

Manager Purchase Bismillah Housing Scheme I Lahore.(Masjid-E-Aqsa)

Client Reference: Nil

SOM Lab

Ref: 3116 (Page-1/1)

Dated: 02-11-2023

Dated: 02-11-2023

Test: Tension Test & Bend Test
inc

Test Specification:

ASTM-A-615

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 ²	in ²	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	2.609	8	0.988	0.79	0.767	25.08	34.02	70010	72110	94970	97810	1.30	8.00	16.3	
2	1.494	6	0.748	0.44	0.439	15.26	19.50	76490	76670	97750	97970	1.00	8.00	12.5	
3	0.671	4	0.501	0.20	0.197	6.42	8.58	70820	71900	94650	96090	1.20	8.00	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

