

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

Dated: 01-01-2025
Dated: 01-01-2025

Test Specification: ASTM-F 1554
Gauge Length: 200 mm

[illegible]

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BEND TEST:

--	No Bend test performed	Note:- Only Two Samples Received and Tested

Note: Please always confirm the results of above report on web www.uet-civil.edu.pk

Ashfaq Ali Shah, RE

Test Performed By: Dr. /Engr. Nauman Khurram

NESPAK Rwp.(Const Of Flyover at Khawaja Corporation at Adyala Road,Rawalpindi)

Client Reference: 4085/103/AAS/02

SOM Lab

Dated: 27-12-2024

Ref: 488 (Page-1/1)

Dated: 01-01-2025

Test: Tension Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type: Deformed Bar (Hunza 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	2.684	8	1.002	0.79	0.789	24.54	33.56	68500	68590	93680	93800	1.40	8.0	17.5	
2	2.668	8	0.999	0.79	0.784	24.41	33.51	68160	68680	93540	94260	1.50	8.0	18.8	
3	1.492	6	0.747	0.44	0.438	13.63	18.22	68320	68630	91310	91730	1.40	8.0	17.5	
4	1.494	6	0.748	0.44	0.439	13.68	18.14	68570	68730	90950	91160	1.50	8.0	18.8	
5	1.050	5	0.627	0.31	0.309	9.65	12.90	68680	68900	91740	92040	1.50	8.0	18.8	
6	1.051	5	0.627	0.31	0.309	9.55	12.79	67960	68180	91020	91310	1.40	8.0	17.5	
7	0.670	4	0.501	0.20	0.197	6.60	8.46	72730	73840	93300	94720	1.10	8.0	13.8	
8	0.672	4	0.501	0.20	0.197	6.63	8.41	73070	74180	92740	94150	1.20	8.0	15.0	
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BEND TEST:

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

Asstt Director-II (QCD) WASA,LDA,Lhr.(New Shalimar Pipe Factory)

Dr. /Engr. Asad Ali Gillani

SOM Lab

Dated: 01-01-2025

ASTM-A-615

Test Specification:

Sample Type: Deformed Bar

BEND TEST:

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

Note: Please always confirm the results of above report on web www.uet-civil.edu.pk

Mascon Associates Pvt.Ltd **Test Performance**
RE (Civil) Jv HA Consulting .(Construction of Autism School,Lahore)

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

Client Reference: HAC-MAC/24/ECAS/Lab/002

SOM Lab
Ref: 491 (Page-1/1)

Dated: 16-12-2024

Dated: 01-01-2025

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type: Deformed Bar (Aziz Steel)

[illegible]

BEND TEST:

# 8	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Nine 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

Sub Divisional officer, **Test Performed By:** Dr. /Engr. Nauman Khurram
 BSD No.12 Lahore.(Institutional Strengthening of P & S Health Care Deptt Punjab" Const Of Dev Wing)

Client Reference: 684-685 **SOM Lab**
Dated: 30/12/2024 **Ref:** 492 (Page-1/1)
Dated: 01-01-2025

Test:	Tension Test & Bend Test	Test Specification:	ASTM-A-615
Gauge Length:	8 inch	Sample Type:	Deformed Bar (Mughal 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	1.475	6	0.743	0.44	0.433	14.98	19.62	75110	76330	98360	99950	1.40	8.0	17.5	
2	1.481	6	0.744	0.44	0.435	14.83	19.52	74350	75200	97850	98970	1.30	8.0	16.3	
3	0.666	4	0.500	0.20	0.196	6.44	8.36	71040	72490	92180	94060	1.30	8.0	16.3	
4	0.660	4	0.497	0.20	0.194	6.47	8.31	71380	73590	91610	94450	1.40	8.0	17.5	
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<u>BEND TEST:</u>															
--	No Bend test performed										Note:- Only Four Samples Received and Tested				
Note: Please always confirm the results of above report on web www.uet-civil.edu.pk															

Mr. Sulman

Test Performed By: Dr. /Engr. Nauman Khurram

MM BH Consultants.(4-Storey Commercial Building Const. K-Block,Valancia Society,Lhr)

Client Reference: 007

SOM Lab

Ref: 493 (Page-1/1)

Dated: 01-01-2025

Dated: 01-01-2025

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

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	1.464	6	0.740	0.44	0.430	13.02	18.55	65250	66770	92990	95160	1.50	8.0	18.8	
2	1.483	6	0.745	0.44	0.436	13.00	18.50	65150	65750	92740	93590	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