

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

Dated: 23-01-2025
Dated: 23-01-2025

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

[illegible]

BEND TEST:

--	No Bend test performed	Note:- Only One Sample Received and Tested

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

M.Yasir Kiani, RE
JCP Wahga NESPAK. (Expension Of Joint Check Post Wahga, Lahore)

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

Client Reference: 4749/031/YK/01/123

SOM Lab

Dated: 22-01-2025

Ref: 628 (Page-1/1)

Dated: 23-01-2025

Test: Tension Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type: Deformed Bar (Aziz 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	1.501	6	0.749	0.44	0.441	13.12	20.54	65760	65610	102960	102720	1.40	8.0	17.5	
2	1.503	6	0.750	0.44	0.442	12.92	20.46	64740	64450	102550	102080	1.50	8.0	18.8	
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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		

Major Nayab Masood

GE(Army)-I LRC.(Const Of 1 x 64 Men SM BK, HQ 204 Svy Sec at Lhr Cantt)

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

SOM Lab

Client Reference: 7988/06/E-6

Dated: 20-01-2025

Test: Tension Test & Bend Test

Gauge Length: 8 inch

Ref: 629 (Page-1/1)

Dated: 23-01-2025

ASTM-A-615

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	1.478	6	0.743	0.44	0.434	12.84	20.64	64380	65270	103470	104900	1.40	8.0	17.5	
2	1.478	6	0.743	0.44	0.434	12.81	20.64	64230	65120	103470	104900	1.30	8.0	16.3	
3	1.023	5	0.619	0.31	0.301	10.09	13.58	71800	73950	96600	99490	1.30	8.0	16.3	
4	1.078	5	0.635	0.31	0.317	10.86	14.50	77240	75530	103130	100850	1.10	8.0	13.8	
5	0.661	4	0.497	0.20	0.194	6.37	9.60	70260	72430	105890	109160	1.10	8.0	13.8	
6	0.661	4	0.497	0.20	0.194	6.29	9.65	69360	71500	106450	109740	1.20	8.0	15.0	
7	1.485	6	0.745	0.44	0.436	12.86	20.71	64480	65080	103830	104780	1.20	8.0	15.0	
8	1.419	6	0.729	0.44	0.417	11.44	17.50	57330	60490	87730	92570	1.20	8.0	15.0	
9	0.672	4	0.501	0.20	0.197	4.86	7.29	53620	54440	80370	81600	1.10	8.0	13.8	
10	0.671	4	0.501	0.20	0.197	4.81	7.26	53060	53870	80040	81260	1.00	8.0	12.5	

BEND TEST:

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

Farrukh Nadeem, PM

Innovative ® Construction Company Lahore.(Project: Shoring Works at Kingdom area,RUDA Lahore)

Test Performed By:

Dr. /Engr. Asad Ali Gillani

Client Reference:

ICL/KA/PW/0125/01

SOM Lab

Ref: 631(Page-1/1)

Dated:

22-01-2025

Dated:

23-01-2025

Test:

Tension Test & Bend 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	2.655	8	0.997	0.79	0.780	23.29	32.91	65030	65860	91860	93040	1.40	8.0	17.5	
2	2.656	8	0.997	0.79	0.781	22.75	32.62	63520	64250	91070	92120	1.60	8.0	20.0	
3	1.496	6	0.748	0.44	0.440	14.85	19.34	74450	74450	96930	96930	1.50	8.0	18.8	
4	1.512	6	0.752	0.44	0.444	15.87	19.90	79560	78840	99740	98840	1.30	8.0	16.3	
5	0.670	4	0.501	0.20	0.197	6.57	8.38	72510	73610	92400	93810	1.20	8.0	15.0	
6	0.669	4	0.501	0.20	0.197	5.76	7.77	63510	64480	85660	86960	1.10	8.0	13.8	
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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

A.H.Engineers **Test Performed By:** Dr. /Engr. Asad Ali Gillani
Faisalabad.(Construction of Bunkers at Strong Point Sehjra)

SOM Lab
Ref: 632 (Page-1/1)

Dated: 23-01-2025

Test Specification: ASTM-A-615

Sample Type: Deformed Bar (Islamabad Supreme)

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	in²	in²	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	0.666	4	0.500	0.20	0.196	6.73	8.58	74190	75710	94650	96580	1.40	8.0	17.5	
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BEND TEST:

--	No Bend test performed	Note:- Only One Sample Received and Tested

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

Dr. /Engr. Asad Ali Gillani

Ref: 633 (Page-1/1)

Dated: 23-01-2025

Test Specification: ASTM-A-615

Sample Type: Deformed Bar (Kisan 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	in²	in²	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	2.686	8	1.002	0.79	0.789	23.45	34.10	65460	65540	95190	95310	1.40	8.0	17.5	
2	2.691	8	1.004	0.79	0.791	24.46	34.91	68300	68220	97470	97350	1.30	8.0	16.3	
3	1.493	6	0.748	0.44	0.439	14.12	19.49	70770	70930	97690	97920	1.20	8.0	15.0	
4	1.490	6	0.747	0.44	0.438	14.42	19.80	72300	72630	99230	99680	1.30	8.0	16.3	
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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	

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

Muhammad Ijaz Jaspal, RE

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

NESPAK. (Khushab Naushera Road Petroling Vhoki To Kathwai Rd)(Mitha Tiwana To Adhikot Rd)

Client Reference: RE/4834/MIJ/24/63

SOM Lab

Ref: 634 (Page-1/1)

Dated: 30-12-2024

Dated: 23-01-2025

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type: Deformed Bar (SK Supreme 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	in²	in²	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	0.661	4	0.497	0.20	0.194	6.17	8.53	68010	70110	94090	97000	1.20	8.0	15.0	
2	0.666	4	0.500	0.20	0.196	6.34	9.40	69920	71350	103640	105760	1.20	8.0	15.0	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
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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		

Jawad Qayyum Khan,RE
NESPAK Jauharabad.(Dualization Of Sargodha Khushab Mianwali Road, Group-II)

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

Client Reference: RE/4376-E/JQK/4d/520

SOM Lab

Dated: 20-11-2024

Ref: 635 (Page-1/1)

Dated: 23-01-2025

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	2.671	8	1.000	0.79	0.785	24.99	34.10	69780	70230	95190	95800	1.40	8.0	17.5	Hunza
2	2.671	8	1.000	0.79	0.785	24.08	34.20	67220	67650	95480	96090	1.20	8.0	15.0	Hunza
3	1.521	6	0.754	0.44	0.447	14.53	19.57	72810	71670	98100	96570	1.50	8.0	18.8	Batala G
4	1.503	6	0.750	0.44	0.442	14.70	18.01	73680	73350	90290	89880	1.40	8.0	17.5	Batala G
5	1.038	5	0.623	0.31	0.305	10.72	13.81	76300	77550	98270	99880	1.30	8.0	16.3	Hunza
6	1.045	5	0.625	0.31	0.307	9.81	13.43	69770	70450	95510	96450	1.40	8.0	17.5	Hunza
7	0.670	4	0.501	0.20	0.197	6.57	9.45	72510	73610	104200	105790	1.10	8.0	13.8	S.N
8	0.672	4	0.501	0.20	0.197	6.90	8.89	76100	77260	98020	99510	1.10	8.0	13.8	S.N
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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		

Metroplan-Asian JV

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

Asian Consulting Site Office NSICTR, Phase-1,Pkg (B&C).(Estb Of NSICTR Lahore Phase-1,Pkg-C)

Client Reference: Metroplan-AsianJV-NSICTR-PKG-C-RE-67

SOM Lab

Dated: 22-01-2025

Ref: 637 (Page-1/1)

Dated: 23-01-2025

Test: Tension Test & Bend Test

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	1.494	6	0.748	0.44	0.439	13.07	19.44	65510	65660	97440	97660	1.50	8.0	18.8	H # 32
2	1.485	6	0.745	0.44	0.436	13.17	19.47	66020	66620	97590	98490	1.30	8.0	16.3	H # 32
3	0.668	4	0.500	0.20	0.196	6.03	9.14	66550	67910	100830	102890	1.20	8.0	15.0	H # 192
4	0.670	4	0.501	0.20	0.197	5.83	8.82	64300	65280	97230	98720	1.40	8.0	17.5	H # 192
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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

Asian Consulting Site Office NSICTR, Phase-1,Pkg (B&C).(Estb Of NSICTR Lahore Phase-1,Pkg-B)

SOM Lab

Ref: 638 (Page-1b/1)

Dated: 23-01-2025

Test Specification: ASTM-A-615

Sample Type: Deformed Bar (FF Steel)

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

Metroplan-Asian JV

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

Asian Consulting Site Office NSICTR, Phase-1,Pkg (B&C).(Estb Of NSICTR Lahore Phase-1,Pkg-B)

Client Reference: Metroplan-AsianJV-NSICTR-PKG-B-RE64

SOM Lab

Dated: 21-01-2025

Ref: 638 (Page-1a/1)

Dated: 23-01-2025

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	2.663	8	0.998	0.79	0.783	25.05	33.97	69920	70550	94820	95670	1.30	8.0	16.3	
2	2.687	8	1.003	0.79	0.790	25.25	34.25	70490	70490	95620	95620	1.50	8.0	18.8	
3	1.488	6	0.746	0.44	0.437	15.16	20.46	75980	76500	102550	103250	1.00	8.0	12.5	
4	1.470	6	0.742	0.44	0.432	14.83	20.25	74350	75720	101530	103410	1.10	8.0	13.8	
5	1.486	6	0.746	0.44	0.437	15.29	20.59	76640	77170	103210	103920	1.20	8.0	15.0	
6	1.464	6	0.740	0.44	0.430	14.78	20.23	74090	75810	101420	103780	1.20	8.0	15.0	
7	1.466	6	0.741	0.44	0.431	15.16	20.46	75980	77570	102550	104690	1.30	8.0	16.3	
8	1.480	6	0.744	0.44	0.435	15.09	20.34	75620	76490	101940	103110	1.10	8.0	13.8	
9	1.482	6	0.745	0.44	0.436	14.53	19.44	72810	73480	97440	98330	1.20	8.0	15.0	
10	1.434	6	0.732	0.44	0.421	14.73	19.72	73830	77170	98870	103330	1.10	8.0	13.8	

BEND TEST:

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

Adnan Anwar, ME

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

AZEA, Narowal.(Widening/Improvement of Road From Sialkot Cantt To Jassar Garrison Distt Narowal)

Client Reference: AZ/RE/ZWL/208

SOM Lab

Dated: 21-01-2025

Ref: 639 (Page-1/1)

Dated: 23-01-2025

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type: Plain Bar (Farooq Supreme)

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	2.306	8	0.929	0.79	0.678	14.98	22.85	41840	48750	63810	74340	2.20	8.0	27.5	
2	2.346	8	0.937	0.79	0.689	15.95	24.11	44540	51070	67310	77170	2.20	8.0	27.5	
3	1.458	6	0.738	0.44	0.428	11.95	18.81	59890	61560	94270	96910	1.60	8.0	20.0	
4	1.450	6	0.736	0.44	0.426	11.95	18.42	59890	61850	92330	95360	1.60	8.0	20.0	
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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	
Note: Please always confirm the results of above report on web www.uet-civil.edu.pk		

M.Khurram Iqbal, RE
NESPAK RRP Narowal.(Restoration/Improvement Of Badiana-Chawinda-Zafarwal Rd Project)

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

Client Reference: RE/RRP/NRWL/KI/54

SOM Lab

Dated: 22-01-2025

Ref: 640 (Page-1/1)

Dated: 23-01-2025

Test: Tension 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	1.503	6	0.750	0.44	0.442	12.28	19.16	61570	61290	96060	95630	1.20	8.0	15.0	
2	1.510	6	0.752	0.44	0.444	12.23	18.98	61320	60760	95140	94280	1.40	8.0	17.5	
3	0.670	4	0.501	0.20	0.197	4.43	6.37	48900	49650	70260	71330	1.40	8.0	17.5	
4	0.670	4	0.501	0.20	0.197	4.43	6.37	48900	49650	70260	71330	1.50	8.0	18.8	
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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

Muhammad Asif,ME
Nespak Lahore.(Expension of Terminal Building and Allied Facilities at AllAP, Lahore)

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

Client Reference: 3043/50Q/MSB/108/674

SOM Lab

Dated: 23-01-2025

Ref: 641 (Page-1/1)

Dated: 23-01-2025

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	1.511	6	0.752	0.44	0.444	13.63	18.96	68320	67700	95040	94180	1.50	8.0	18.8	
2	1.509	6	0.751	0.44	0.443	14.14	19.78	70870	70390	99130	98450	1.30	8.0	16.3	
3	1.504	6	0.750	0.44	0.442	14.12	20.13	70770	70450	100910	100460	1.30	8.0	16.3	
4	1.495	6	0.748	0.44	0.439	13.68	17.15	68570	68730	85940	86140	1.40	8.0	17.5	
5	0.667	4	0.500	0.20	0.196	5.83	9.07	64300	65610	100050	102090	1.30	8.0	16.3	
6	0.667	4	0.500	0.20	0.196	5.81	9.12	64080	65380	100610	102660	1.20	8.0	15.0	
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BEND TEST:

# 6	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		