

Sub Divisional officer, **Test Performed By:** Dr./Engr. Asad Ali Gillani
 BSD Sheikhpura.(Estb Of Garment Cities in Punjab/Skp)(Const Of Stitching Unit Group No.1)

Client Reference:	<u>7107/BSD/FZW</u>	SOM Lab	
Dated:	26-12-2024	Ref:	602 (Page-1/1)
Test:	Tension Test & Bend Test	Dated:	20-01-2025
Gauge Length:	8 inch	Test Specification:	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	in²	in²	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	1.513	6	0.753	0.44	0.445	15.16	19.95	75980	75130	99990	98870	1.40	8.0	17.5	
2	0.668	4	0.500	0.20	0.196	7.46	9.14	82290	83960	100830	102890	1.00	8.0	12.5	
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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

Sub Divisional officer,
BSD No.19 Lhr.(Estb of Nawaz Sharif Center of Excellence for Early Childhood Education at CLC Lhr)

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

Client Reference: 1808
Dated: 17-12-2024
Test: Tension Test & Bend Test
Gauge Length: 8 inch

SOM Lab
Ref: 603(Page-1/1)
Dated: 20-01-2025
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	2.670	8	1.000	0.79	0.785	27.01	35.32	75420	75900	98610	99240	1.20	8.0	15.0	
2	1.506	6	0.751	0.44	0.443	15.87	20.41	79560	79020	102290	101600	1.10	8.0	13.8	
3	0.669	4	0.501	0.20	0.197	7.46	9.09	82290	83540	100270	101800	1.20	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		

Muhammad Mohsin,RE
NESPAK Lhr.(Strom Water Drainage System From Sham Nagar to River Ravi,Pkg-II)

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

Client Reference: 3882/11/MM/01/440
Dated: 09-01-2025
Test: Tension Test
Gauge Length: 8 inch

SOM Lab
Ref: 604 (Page-1/1)
Dated: 20-01-2025
Test Specification: ASTM-A-615
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	0.671	4	0.501	0.20	0.197	5.89	9.04	64970	65960	99710	101230	1.00	8.0	12.5	
2	0.670	4	0.501	0.20	0.197	6.03	9.02	66550	67560	99480	101000	1.20	8.0	15.0	
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BEND TEST:

# 4	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

Akash Shahzad Khan,XEN
GE(Army)-II Okara.(Const of 3 MDC at CMH Okara-CEA-CZ-20/2025)

Test Performed By:
SOM Lab

Dr. /Engr. Asad Ali Gillani

Client Reference: 6000/Gen/08 /E-6
Dated: 14-01-2025

Test: Tension Test & Bend Test
Gauge Length: 8 inch

Ref: 605 (Page-1/1)
Dated: 20-01-2025

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	1.489	6	0.747	0.44	0.438	13.61	20.97	68210	68530	105100	105580	1.30	8.0	16.3	
2	1.502	6	0.749	0.44	0.441	13.53	21.06	67810	67650	105560	105320	1.20	8.0	15.0	
3	1.049	5	0.626	0.31	0.308	8.79	13.43	62520	62920	95510	96130	1.30	8.0	16.3	
4	1.042	5	0.624	0.31	0.306	8.82	13.48	62730	63550	95880	97130	1.30	8.0	16.3	
5	0.664	4	0.498	0.20	0.195	5.52	8.58	60930	62490	94650	97080	1.40	8.0	17.5	
6	0.675	4	0.502	0.20	0.198	5.50	8.74	60700	61320	96340	97310	1.20	8.0	15.0	
7	0.670	4	0.501	0.20	0.197	5.20	7.97	57330	58200	87910	89240	1.50	8.0	18.8	
8	0.672	4	0.501	0.20	0.197	5.27	8.07	58120	59000	89030	90390	1.50	8.0	18.8	
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BEND TEST:

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

Akash Shahzad Khan,XEN
GE(Army)-II Okara.(Const of 1xJCO Club 92,98 Sig Bn at Okara Cantt)

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

Client Reference: 6000/Gen/09 /E-6
Dated: 14-01-2025
Test: Tension Test & Bend Test
Gauge Length: 8 inch

SOM Lab
Ref: 606 (Page-1/1)
Dated: 20-01-2025
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	1.498	6	0.748	0.44	0.440	14.26	20.92	71480	71480	104850	104850	1.40	8.0	17.5	
2	1.502	6	0.749	0.44	0.441	14.22	20.90	71280	71120	104750	104510	1.30	8.0	16.3	
3	1.032	5	0.621	0.31	0.303	8.72	13.40	62010	63440	95370	97570	1.10	8.0	13.8	
4	1.047	5	0.626	0.31	0.308	8.72	13.40	62010	62410	95370	95990	1.10	8.0	13.8	
5	0.663	4	0.498	0.20	0.195	5.56	8.69	61270	62840	95770	98230	1.20	8.0	15.0	
6	0.664	4	0.498	0.20	0.195	5.56	8.66	61270	62840	95550	98000	1.20	8.0	15.0	
7	0.664	4	0.498	0.20	0.195	5.27	8.00	58120	59610	88240	90510	1.50	8.0	18.8	
8	0.663	4	0.498	0.20	0.195	5.30	8.05	58460	59950	88800	91080	1.50	8.0	18.8	
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BEND TEST:

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

Noor Fatima
100-B-III Gulberg III Lahore.

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

Client Reference: ST/GF/01/25
Dated: 20-01-2025
Test: Tension Test
Gauge Length: 8 inch

SOM Lab
Ref: 607 (Page-1/1)
Dated: 20-01-2025
Test Specification: 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	2.653	8	0.997	0.79	0.780	27.01	34.88	75420	76380	97380	98630	1.50	8.0	18.8	
2	1.490	6	0.747	0.44	0.438	14.78	19.37	74090	74430	97080	97520	1.40	8.0	17.5	
3	0.663	4	0.498	0.20	0.195	6.34	8.26	69920	71710	91050	93390	1.10	8.0	13.8	
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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		

Rehman Habib Consult Pvt Ltd.(Govt College of Technology (W) People Colony Faisalabad)

Dr. /Engr. Asad Ali Gillani

Dated: 14-01-2025

Ref: 608 (Page-1/1)

Dated: 20-01-2025

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	in²	in²	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	2.628	8	0.991	0.79	0.772	26.71	35.42	74560	76300	98890	101200	1.40	8.0	17.5	
2	1.561	6	0.764	0.44	0.459	14.29	19.67	71640	68670	98610	94530	1.40	8.0	17.5	
3	0.665	4	0.498	0.20	0.195	6.47	8.82	71380	73210	97230	99730	1.00	8.0	12.5	
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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	
# 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