

Resident Engineer
ACE Ltd Sambrial, Sialkot. (Estb Of UAEET Sambrial, Sialkot)

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

Client Reference: ER/UAEET/ACE/2025/691

SOM Lab

Ref: 1481 (Page-1/1)

Dated: 08-07-2025

Dated: 09-07-2025

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Def 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	0.695	4	0.510	0.20	0.204	6.75	8.94	74420	72960	98580	96650	1.10	8.0	13.8	
2	0.696	4	0.511	0.20	0.205	6.83	8.99	75320	73480	99150	96730	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

Zaheer Abbas

Test Performed By:

Dr. /Engr.

Nauman Khurram

Sr.Manager Const. Beaconhouse School System.(Const at Sargodha Campus)

Client Reference: Nil

SOM Lab

Ref:

1482 (Page-1/1)

Dated: 09-07-2024

Dated:

09-07-2024

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	2.587	8	0.984	0.79	0.760	26.27	33.71	73340	76230	94110	97830	1.50	8.0	18.8	
2	1.478	6	0.743	0.44	0.434	14.75	18.52	73940	74960	92840	94120	1.50	8.0	18.8	
3	0.583	4	0.467	0.20	0.171	5.68	7.21	62610	73230	79470	92950	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 Zubair

Test Performed By:

Dr. /Engr. Nauman Khurram

Assistant Engineer (Civil) GC Uni Fsd.(Const.Of Academic Block No.07 New Campus GCU FSD)

Client Reference: GCUF/EC/7081

SOM Lab

Ref: 1483 (Page-1/1)

Dated: 17-03-2025

Dated: 09-07-2025

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	2.575	8	0.982	0.79	0.757	25.99	34.81	72570	75730	97190	101420	1.20	8.0	15.0	
2	2.582	8	0.983	0.79	0.759	25.59	34.56	71430	74350	96470	100410	1.10	8.0	13.8	
3	1.477	6	0.743	0.44	0.434	13.53	19.01	67810	68740	95290	96610	1.30	8.0	16.3	
4	1.466	6	0.741	0.44	0.431	13.56	19.11	67960	69380	95800	97800	1.20	8.0	15.0	
5	0.665	4	0.498	0.20	0.195	6.03	8.38	66550	68250	92400	94770	1.20	8.0	15.0	
6	0.661	4	0.497	0.20	0.194	6.01	8.48	66320	68370	93530	96420	1.20	8.0	15.0	
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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

Muhammad Asif
Canal44 Luxury Apartments Lahore.

Test Performed By: Dr. /Engr. Nauman Khurram

Client Reference: Nil

SOM Lab

Ref: 1484 (Page-1/1)

Dated: Nil

Dated: 09-07-2025

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	2.607	8	0.988	0.79	0.766	26.81	34.61	74850	77190	96620	99640	1.20	8.0	15.0	
2	2.621	8	0.990	0.79	0.770	25.35	34.02	70780	72620	94970	97430	1.50	8.0	18.8	
3	1.493	6	0.748	0.44	0.439	15.36	19.85	77000	77180	99480	99710	1.40	8.0	17.5	
4	1.497	6	0.748	0.44	0.440	15.65	19.88	78430	78430	99640	99640	1.40	8.0	17.5	
5	0.660	4	0.497	0.20	0.194	7.29	9.33	80370	82860	102860	106040	1.50	8.0	18.8	
6	0.660	4	0.497	0.20	0.194	7.16	9.30	78910	81350	102520	105690	1.30	8.0	16.3	
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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

Sub Divisional officer,

Test Performed By:

Dr. /Engr. Asad Ali Gillani

HSD Narowal.(Const Of Carpet road from Narowal Shakargarh road to Kothay Khurd Distt Narowal)

Client Reference: 125/NL

SOM Lab

Ref: 1485-1574 (P-1/8)

Dated: 2025

Dated: 09-07-2025

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed/Plain 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	2.622	8	0.991	0.79	0.771	21.78	38.33	60820	62320	107000	109640	0.60	8.0	7.5	Plain
2	2.631	8	0.992	0.79	0.773	22.17	38.81	61900	63260	108340	110720	0.60	8.0	7.5	Plain
3	0.670	4	0.501	0.20	0.197	6.19	8.00	68230	69270	88240	89590	1.20	8.0	15.0	Def
4	0.656	4	0.496	0.20	0.193	7.03	8.89	77560	80380	98020	101580	1.00	8.0	12.5	Def
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BEND TEST:

# 8	Sample bend Test Failed	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

Sub Divisional officer,

Test Performed By:

Dr. /Engr. Asad Ali Gillani

HSD Narowal.(Const Of road from Police Line To Chak Safdhar Via Takia Plot Distt Narowal)

Client Reference: 117/NL

SOM Lab

Ref: 1485-1574 (P-2/8)

Dated: 08-07-2025

Dated: 09-07-2025

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed/Plain 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	21.99	39.55	61390	62570	110420	112550	0.60	8.0	7.5	Plain
2	2.635	8	0.993	0.79	0.774	21.81	38.96	60900	62160	108770	111020	0.70	8.0	8.8	Plain
3	0.660	4	0.497	0.20	0.194	6.32	8.00	69700	71850	88240	90970	1.00	8.0	12.5	Def
4	0.653	4	0.494	0.20	0.192	6.60	8.53	72730	75760	94090	98010	1.00	8.0	12.5	Def
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BEND TEST:

# 8	Sample bend Test Failed	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

Sub Divisional officer,

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

HSD Narowal.(Const/Re-Const Of road from Kandhala to Kotli Via JASPAL Distt Narowal)

Client Reference: 119/NL

SOM Lab

Ref:

1485-1574 (P-3/8)

Dated: 08-07-2025

Dated:

09-07-2025

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed/Plain 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	2.575	8	0.982	0.79	0.757	31.47	48.62	87850	91680	135740	141660	0.40	8.0	5.0	Plain
2	2.587	8	0.984	0.79	0.760	31.11	48.42	86860	90280	135170	140510	0.40	8.0	5.0	Plain
3	0.661	4	0.497	0.20	0.194	6.01	9.43	66320	68370	103980	107190	1.00	8.0	12.5	Def
4	0.666	4	0.500	0.20	0.196	6.14	9.45	67670	69050	104200	106330	0.70	8.0	8.8	Def
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BEND TEST:

# 8	Sample bend Test Failed	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

Sub Divisional officer,

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

HSD Narowal.(Rehb/Impro Of road from Village Maloke To Village Dhaala Distt Narowal)

Client Reference: 123/NL

SOM Lab

Ref:

1485-1574 (P-4/8)

Dated: 08-07-2025

Dated:

09-07-2025

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed/Plain 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	2.946	8	1.050	0.79	0.866	18.47	28.59	51570	47040	79830	72820	1.80	8.0	22.5	Plain
2	2.946	8	1.050	0.79	0.866	18.57	28.56	51850	47300	79740	72740	2.10	8.0	26.3	Plain
3	0.653	4	0.494	0.20	0.192	6.52	8.10	71940	74940	89370	93090	1.10	8.0	13.8	Def
4	0.661	4	0.497	0.20	0.194	6.70	8.61	73850	76140	94990	97920	1.20	8.0	15.0	Def
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BEND TEST:

# 8	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

Sub Divisional officer,
HSD Narowal.(Const Of road from Burewali upto Link Road in Distt Narowal)

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

Client Reference: 121/NL

SOM Lab

Ref: 1485-1574 (P-5/8)

Dated: 08-07-2025

Dated: 09-07-2025

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type: Deformed/Plain Bar

ASTM-A-615

Deformed/Plain 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	2.584	8	0.983	0.79	0.759	31.16	39.16	87000	90550	109340	113800	0.60	8.0	7.5	Plain
2	2.941	8	1.049	0.79	0.864	31.19	39.19	87080	79620	109420	100050	0.50	8.0	6.3	Plain
3	0.656	4	0.496	0.20	0.193	6.42	8.36	70820	73390	92180	95520	1.10	8.0	13.8	Def
4	0.653	4	0.494	0.20	0.192	6.52	8.43	71940	74940	92960	96840	1.00	8.0	12.5	Def
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BEND TEST:

# 8	Sample bend Test Failed	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

Sub Divisional officer,

Test Performed By:

Dr. /Engr. Asad Ali Gillani

HSD Narowal.(Const Of Carpet road from Narowal Shakargarh Road to Village Dodhay & Panwan)

Client Reference: 127/NL

SOM Lab

Ref: 1485-1574 (P-6/8)

Dated: 08-07-2025

Dated: 09-07-2025

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed/Plain 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	2.647	8	0.995	0.79	0.778	29.05	50.00	81110	82360	139590	141740	0.60	8.0	7.5	Plain
2	2.655	8	0.997	0.79	0.780	18.76	28.70	52370	53040	80110	81140	2.20	8.0	27.5	Plain
3	0.656	4	0.496	0.20	0.193	6.60	8.21	72730	75370	90490	93770	1.10	8.0	13.8	Def
4	0.656	4	0.496	0.20	0.193	6.57	8.23	72510	75140	90720	94010	1.20	8.0	15.0	Def
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BEND TEST:

# 8	Sample bend Test Failed	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

Sub Divisional officer,

Test Performed By:

Dr. /Engr. Asad Ali Gillani

HSD Narowal.(Rehb/Impro Of road from Adda Qila Kalarwala to Baddomallhi Toll Plaza In Distt Narowal)

Client Reference: 129/NL

SOM Lab Ref: 1485-1574 (P-7/8)

Dated: 08-07-2025

Dated: 09-07-2025

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed/Plain 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	2.746	8	1.014	0.79	0.807	16.69	25.64	46590	45610	71570	70070	1.80	8.0	22.5	Plain
2	2.630	8	0.992	0.79	0.773	20.03	31.11	55920	57150	86860	88770	1.90	8.0	23.8	Plain
3	1.474	6	0.743	0.44	0.433	16.18	20.34	81090	82400	101940	103580	1.20	8.0	15.0	Def
4	1.463	6	0.740	0.44	0.430	15.92	20.00	79810	81670	100250	102580	1.20	8.0	15.0	Def
5	0.656	4	0.496	0.20	0.193	6.03	9.35	66550	68960	103080	106820	0.90	8.0	11.3	Def
6	0.664	4	0.498	0.20	0.195	6.39	8.28	70480	72290	91280	93620	1.00	8.0	12.5	Def
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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,
HSD Narowal.(Restoration/Impro Of Circular road Narowal In Distt Narowal)

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

Client Reference: 132/NL

SOM Lab

Ref: 1485-1574 (P-8/8)

Dated: 08-07-2025

Dated: 09-07-2025

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type: Plain 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	2.626	8	0.991	0.79	0.772	22.29	38.58	62240	63690	107710	110230	0.50	8.0	6.3	
2	2.627	8	0.991	0.79	0.772	21.81	39.30	60900	62320	109710	112260	0.60	8.0	7.5	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
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-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

BEND TEST:

# 8	Sample bend Test Failed	Note:- Only Three Samples Received and Tested

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