

Hamid W. Malik
S.S Feed Mills (Pvt) Ltd.

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

Client Reference: Nil
Dated: 25-06-2025

SOM Lab
Ref: 1437(Page-1/1)
Dated: 01-07-2025

Test: Tension Test & Bend Test
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	in ²	in ²	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	1.509	6	0.751	0.44	0.443	14.53	18.98	72810	72320	95140	94500	1.60	8.0	20.0	
2	1.017	5	0.617	0.31	0.299	9.28	12.69	66000	68430	90290	93610	1.50	8.0	18.8	
3	0.659	4	0.497	0.20	0.194	5.91	8.10	65200	67220	89370	92130	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
# 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

RE ESS-I-AAR Consultant
Multan.(Const of Flyover Bridge 3, Tehsil And Distt Multan)

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

Client Reference: 5118

SOM Lab

Ref: 1438 (Page-1/1)

Dated: 16-06-2025

Dated: 01-07-2025

Test: Tension Test & Bend 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	2.718	8	1.009	0.79	0.799	23.55	38.33	65740	65000	107000	105800	1.30	8.0	16.3	
2	2.680	8	1.002	0.79	0.788	23.65	38.09	66020	66190	106350	106620	1.20	8.0	15.0	
3	1.502	6	0.749	0.44	0.441	13.35	20.10	66940	66780	100760	100530	1.20	8.0	15.0	
4	1.512	6	0.752	0.44	0.444	13.25	20.05	66430	65830	100500	99600	1.10	8.0	13.8	
5	0.662	4	0.498	0.20	0.195	6.01	8.89	66320	68020	98020	100530	1.20	8.0	15.0	
6	0.666	4	0.500	0.20	0.196	6.07	9.04	66890	68250	99710	101740	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

Syed Talal Tariq
SPM IK Associates.(Const Of HMB Building Jail Road Faisalabad)

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

Client Reference: IKAN/HMB/S.T/03/2025

Dated: 01-07-2025

Test: Tension Test & Bend Test

Gauge Length: 8 inch

Test Specification:

Sample Type:

SOM Lab

Ref: 1439 (Page-1/1)

Dated: 01-07-2025

ASTM-A-615

Def. 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	1.505	6	0.750	0.44	0.442	15.16	19.88	75980	75640	99640	99190	1.10	8.0	13.8	
2	1.506	6	0.751	0.44	0.443	14.29	19.16	71640	71150	96060	95410	1.20	8.0	15.0	
3	1.046	5	0.625	0.31	0.307	9.81	12.97	69770	70450	92250	93150	1.50	8.0	18.8	
4	1.047	5	0.626	0.31	0.308	9.84	13.00	69990	70440	92470	93070	1.40	8.0	17.5	
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BEND TEST:

# 6	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Six Samples Received and Tested
# 5	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 Jamil Alam
Head Quality Assurance FF Steel Lahore.

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

Client Reference: Nil

SOM Lab

Ref: 1440 (Page-1/1)

Dated: 25-06-2025

Dated: 01-07-2025

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	1.487	6	0.746	0.44	0.437	14.34	18.96	71890	72390	95040	95690	1.20	8.0	15.0	No. 1
2	1.484	6	0.745	0.44	0.436	13.99	18.73	70100	70750	93860	94720	1.10	8.0	13.8	No. 2
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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

Muhammad Ibrar, PM

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

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

Client Reference: ICI/Ruda/01

SOM Lab

Ref: 1441(Page-1/1)

Dated: 01-07-2025

Dated: 01-07-2025

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	2.623	8	0.991	0.79	0.771	24.54	34.17	68500	70190	95390	97740	1.50	8.0	18.8	
2	2.621	8	0.990	0.79	0.770	24.59	34.25	68640	70430	95620	98100	1.40	8.0	17.5	
3	1.489	6	0.747	0.44	0.438	15.14	19.24	75880	76220	96420	96860	1.30	8.0	16.3	
4	1.500	6	0.749	0.44	0.441	15.41	19.67	77260	77080	98610	98390	1.40	8.0	17.5	
5	0.652	4	0.494	0.20	0.192	6.14	8.07	67670	70490	89030	92740	1.40	8.0	17.5	
6	0.653	4	0.494	0.20	0.192	6.19	8.05	68230	71080	88800	92500	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

Premier Developer & Builders

Test Performed By: Dr. /Engr. Wasim Abbas

Procurement Manager .(Lyalpur Galleria-II Near Four Season Colony Samundri Road,FSD)

Client Reference: LG-II/049

SOM Lab

Ref: 1442 (Page-1/1)

Dated: 27-06-2025

Dated: 01-07-2025

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	2.576	8	0.982	0.79	0.757	21.66	29.51	60480	63110	82390	85980	1.80	8.0	22.5	
2	1.512	6	0.752	0.44	0.444	13.76	18.45	68980	68360	92480	91650	1.10	8.0	13.8	
3	0.664	4	0.498	0.20	0.195	5.88	8.10	64860	66530	89370	91660	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