

Premier Developer & Builders

Test Performed By:

Dr. /Engr. Asad Ali Gillani

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

Client Reference: LG-II/039

SOM Lab

Ref: 1857 (Page-1/1)

Dated: 27-02-2023

Dated: 03-03-2023

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (Nomee 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	2.686	8	1.002	0.79	0.789	25.08	34.68	70010	70100	96820	96940	1.30	8.0	16.3	
2	1.536	6	0.758	0.44	0.451	14.60	19.24	73170	71390	96420	94070	1.10	8.0	13.8	
3	0.670	4	0.501	0.20	0.197	5.93	8.84	65420	66420	97460	98940	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

Premier Developer & Builders

Test Performed By:

Dr. /Engr. Asad Ali Gillani

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

Client Reference: LG-II/040

SOM Lab

Ref: 1858 (Page-1/1)

Dated: 01-03-2023

Dated: 03-03-2023

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	1.557	6	0.764	0.44	0.458	15.14	20.18	75880	72900	101170	97190	1.30	8.0	16.3	
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BEND TEST:

# 6	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

Muhammad Shahbaz ®

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

Lt Col ADH (Works)-II Army Offrs Housing Complex Sec H Askari-X Lahore.

Client Reference: 608-HD/Gen/C/ADH-II

SOM Lab

Ref:

1859 (Page-1/1)

Dated: 02-03-2023

Dated:

03-03-2023

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	2.611	8	0.988	0.79	0.767	21.58	34.17	60250	62050	95390	98250	1.60	8.0	20.0	
2	2.609	8	0.988	0.79	0.767	21.48	33.89	59960	61760	94620	97460	1.50	8.0	18.8	
3	1.592	6	0.772	0.44	0.468	13.20	21.61	66170	62210	108320	101840	1.50	8.0	18.8	
4	1.602	6	0.774	0.44	0.471	13.27	21.78	66530	62150	109190	102000	1.60	8.0	20.0	
5	0.669	4	0.501	0.20	0.197	5.61	8.33	61830	62770	91840	93240	1.30	8.0	16.3	
6	0.670	4	0.501	0.20	0.197	5.61	8.38	61830	62770	92400	93810	1.40	8.0	17.5	
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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

Umer Maqsood,PM

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

AJK Engineer (Pvt) Ltd.(Const Of AL-Rasheed Residencia, 6 Street D, Upper Mall Lahore)

Client Reference: AJK/UET/2023/03/01

SOM Lab

Ref:

1860 (Page-1/1)

Dated: 03-03-2023

Dated:

03-03-2023

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	2.649	8	0.995	0.79	0.778	33.13	39.72	92490	93920	110900	112610	1.00	8.0	12.5	
2	1.473	6	0.743	0.44	0.433	14.42	18.67	72300	73470	93610	95120	1.30	8.0	16.3	
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BEND TEST:

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

Engr.Akhtar Abbas

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

RE AZ Engg Associates M&C Hospital D.G khan.(Estb. Of Mother & Child Block,Teaching Hospital)

Client Reference: RE/AZEA/DGK/198

SOM Lab

Ref: 1862 (Page-1/1)

Dated: 27-02-2023

Dated: 03-03-2023

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type: Deformed Bar (Sheikhoo 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	2.686	8	1.002	0.79	0.789	28.36	36.24	79170	79270	101170	101300	1.40	8.0	17.5	
2	2.695	8	1.004	0.79	0.792	28.54	36.19	79680	79480	101030	100770	1.30	8.0	16.3	
3	1.503	6	0.750	0.44	0.442	13.68	18.11	68570	68260	90800	90390	1.50	8.0	18.8	
4	1.506	6	0.751	0.44	0.443	13.73	18.09	68830	68360	90690	90080	1.50	8.0	18.8	
5	0.671	4	0.501	0.20	0.197	6.12	8.18	67450	68470	90150	91530	0.90	8.0	11.3	
6	0.672	4	0.501	0.20	0.197	6.14	8.18	67670	68700	90150	91530	1.00	8.0	12.5	
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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