Sadaqat Limited, **Test Performed By:** **Dr. /Engr.** S. Asad Ali Gillani

Civil Engineer, Faisalabad (Site Khurianwala, Faisalabad, Project: IE Complex)

Client Reference: Civil -C-3 **SOM Lab Ref:** 1933(Page-1/1)

Dated: 18-12-2019 **Dated:** 23-12-2019

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	1.498	6	0.748	0.44	0.440	15.67	20.82	78530	78530	104340	104340	1.20	8.0	15.0	
2	0.689	4	0.507	0.20	0.202	6.39	8.56	70480	69780	94420	93490	1.30	8.0	16.3	
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BEND TEST:

# 6	Sample bend through 180 degrees Satisfactorily without any crack
# 4	Sample bend through 180 degrees Satisfactorily without any crack

Note:-

Only Four Samples Received and Tested

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

Sajid Mahmood
Manager Construction Projects, Allied Bank

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

Client Reference: HOL/Engg C.P./SM/2019
Dated: 20-12-2019

SOM Lab Ref: 1935(Page-1/1)
Dated: 23-12-2019

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	2.711	8	1.007	0.79	0.797	27.93	36.85	77980	77290	102880	101970	1.10	8.0	13.8	
2	2.712	8	1.007	0.79	0.797	27.73	36.51	77410	76730	101940	101040	1.20	8.0	15.0	
3	1.483	6	0.745	0.44	0.436	16.16	20.46	80990	81730	102550	103490	1.20	8.0	15.0	
4	1.490	6	0.747	0.44	0.438	16.06	20.44	80480	80840	102450	102910	1.10	8.0	13.8	
5	1.037	5	0.623	0.31	0.305	11.37	13.76	80860	82190	97910	99510	1.10	8.0	13.8	
6	1.037	5	0.623	0.31	0.305	11.44	13.83	81370	82710	98410	100030	1.20	8.0	15.0	
7	0.693	4	0.510	0.20	0.204	8.28	9.99	91280	89490	110160	108000	1.00	8.0	12.5	
8	0.690	4	0.508	0.20	0.203	8.15	9.86	89930	88600	108700	107090	1.00	8.0	12.5	
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BEND TEST:

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

Only Twelve Samples Received and Tested

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

Muhammad Aslam **Test Performed By:** **Dr. /Engr.** S. Asad Ali Gillani

Manager C/R M Engineering Cell Multan, Allied Bank Ltd. Multan

Client Reference: nil **SOM Lab Ref:** 1936(Page-1/1)

Dated: 16-12-2019 **Dated:** 23-12-2019

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	2.721	8	1.009	0.79	0.800	27.93	37.28	77980	77000	104070	102770	1.00	8.0	12.5	
2	2.723	8	1.009	0.79	0.800	28.13	37.31	78550	77560	104160	102860	1.10	8.0	13.8	
3	1.052	5	0.627	0.31	0.309	12.54	15.39	89200	89490	109510	109860	1.00	8.0	12.5	
4	1.058	5	0.629	0.31	0.311	12.64	15.44	89930	89640	109870	109520	0.90	8.0	11.3	
5	0.673	4	0.502	0.20	0.198	8.18	9.94	90150	91060	109600	110710	0.90	8.0	11.3	
6	0.678	4	0.503	0.20	0.199	8.31	9.91	91610	92080	109260	109810	0.80	8.0	10.0	
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BEND TEST:

--	No Bend test performed

Note:-

Only Six Samples Received and Tested

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

Project Manager **Test Performed By:** **Dr. /Engr.** S. Asad Ali Gillani

M. Saleem Construction Company, Lahore Road Sheikhupura

Client Reference: nil **SOM Lab Ref:** 1940 (Page-1/1)

Dated: 23-12-2019 **Dated:** 23-12-2019

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	0.653	4	0.494	0.20	0.192	5.91	8.53	65200	67920	94090	98010	1.10	8.0	13.8	
2	0.656	4	0.496	0.20	0.193	6.42	8.82	70820	73390	97230	100760	1.00	8.0	12.5	
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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

Sub Divisional Officer
Buildings Sub Division, Okara

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

Client Reference: 563/SDO/OK
Dated: 17-12-2019

SOM Lab Ref: 1941 (Page-1/1)
Dated: 23-12-2019

Test: Tension 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	0.663	4	0.498	0.20	0.195	6.60	9.99	72730	74600	110160	112990	1.20	8.0	15.0	
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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

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