

Qasim Ali
Senior Manager Project-Civil, Volka Food International.Ltd.Multan

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

Client Reference: VFI/Civil/17

SOM Lab

Ref: 1354 (Page-1/1)

Dated: 01-12-2022

Dated: 05-12-2022

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	2.628	8	0.991	0.79	0.772	26.10	34.78	72850	74550	97100	99360	1.60	8.0	20.0	
2	2.718	8	1.009	0.79	0.799	23.72	32.54	66220	65480	90840	89820	1.60	8.0	20.0	
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BEND TEST:

# 8	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

Qasim Ali
Senior Manager Project-Civil, Volka Food International.Ltd.Multan

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

Client Reference: VFI/Civil/17

SOM Lab

Ref: 1355 (Page-1/1)

Dated: 01-12-2022

Dated: 05-12-2022

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	1.512	6	0.752	0.44	0.444	14.68	19.80	73580	72920	99230	98330	1.40	8.0	17.5	
2	1.508	6	0.751	0.44	0.443	15.67	20.56	78530	78000	103060	102360	1.20	8.0	15.0	
3	1.052	5	0.627	0.31	0.309	10.01	13.88	71220	71450	98780	99100	1.30	8.0	16.3	
4	1.044	5	0.625	0.31	0.307	9.70	13.88	69040	69720	98780	99740	1.20	8.0	15.0	
5	0.672	4	0.501	0.20	0.197	6.17	8.43	68010	69050	92960	94380	1.20	8.0	15.0	
6	0.657	4	0.496	0.20	0.193	6.07	8.43	66890	69310	92960	96340	1.20	8.0	15.0	
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BEND TEST:

# 6	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Nine 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

Hafiz Ozair Ahmad

Test Performed By:

Dr. /Engr.

S. Asad Ali
Gillani

Dy.Dir(QCD) WASA,LDA,Lhr.(Manufactring Of R.C.C Manhole Covers WASA,LDA Lahore)

Client Reference: QCD/2424-25

SOM Lab

Ref: 1356 (Page-1/1)

Dated: 05-12-2022

Dated: 05-12-2022

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	0.635	4	0.488	0.20	0.187	4.66	6.63	51370	54940	73070	78150	1.30	8.0	16.3	
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BEND TEST:

# 4	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

Umair Ahmad
Project Manager. DHA Gujranwala. (Sector G)

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

Client Reference: 111/15/PM/RS/Pkg- 2B/1026

SOM Lab

Ref: 1357 (Page-1/1)

Dated: 05-12-2022

Dated: 05-12-2022

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (SJ 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	1.512	6	0.752	0.44	0.444	14.50	19.03	72660	72000	95400	94540	1.30	8.0	16.3	
2	1.521	6	0.754	0.44	0.447	14.55	19.16	72910	71770	96060	94560	1.30	8.0	16.3	
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Witnessed By: Hafiz Danish Waqas(L.T DHAG)

BEND TEST:

# 6	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

Pakistan Atomic Energy Com.

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

PD (North-3) WASO-PAEC.(Const Of 120 Rooms Residential Builders For Friendship at FFP Site)

Client Reference: WASO-CMD-LOI-158/C/2356

SOM Lab

Ref: 1358 (Page-1/1)

Dated: 11-11-2022

Dated: 05-12-2022

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type: Deformed Bar (SJ 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	1.481	6	0.744	0.44	0.435	14.22	19.01	71280	72100	95290	96390	1.40	8.0	17.5	
2	1.484	6	0.745	0.44	0.436	14.34	19.08	71890	72550	95650	96530	1.40	8.0	17.5	
3	0.670	4	0.501	0.20	0.197	6.49	8.41	71610	72700	92740	94150	1.10	8.0	13.8	
4	0.674	4	0.502	0.20	0.198	6.78	8.63	74750	75510	95210	96170	1.10	8.0	13.8	
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BEND TEST:

# 6	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

