

Secretery Jamia

Test Performed By:

Dr. /Engr.

Ubaid A Mughal

Jamia Til Muntazar (TRUST), H-Block, Model Town Lahore

Client Reference: 102-

SOM Lab

Ref:

893(Page-1/1)

Dated: 26-05-2019

Dated:

27-05-2019

Test: Tension Test

Test Specification:

ASTM-A-615

Deformed

Gauge Length: 8 inch

Sample Type:

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	29.77	37.46	83100	84380	104580	106200	1.30	8.0	16.3	
2	1.455	6	0.738	0.44	0.428	17.09	21.10	85690	88090	105770	108730	1.10	8.0	13.8	
3	0.662	4	0.498	0.20	0.195	6.85	8.46	75540	77480	93300	95690	1.20	8.0	15.0	
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BEND TEST:

--	No Bend test performed	Note:- Only Three Samples Received and Tested

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

Ali & Company,
Ali Trade Center, Lahore

Test Performed By: Dr. /Engr. Ubaid A Mughal

Client Reference: nil

SOM Lab 894(Page-

Ref: 1/1)

Dated: 27-05-2019

Dated: 27-05-2019

Test: Tension Test

Test Specification:

ASTM-A-615

Guage 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	1.523	6	0.755	0.44	0.448	13.15	17.71	65910	64740	88750	87170	1.20	8.0	15.0	
2	1.567	6	0.766	0.44	0.461	17.02	21.92	85330	81440	109850	104850	1.10	8.0	13.8	
3	0.619	4	0.481	0.20	0.182	5.81	7.54	64080	70410	83180	91410	1.20	8.0	15.0	
4	0.652	4	0.494	0.20	0.192	5.68	7.77	62610	65220	85660	89230	1.30	8.0	16.3	
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BEND TEST:

--	No Bend test performed	Note:- Only Four Samples Received and Tested

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

S. Shaukat Hussain

Test Performed By:

Dr. /Engr.

Umbreen Sahir

Incharge (Civil) For Managing Director, Sui Northern Gas Pipelines Ltd. Lahore

Client Reference: CC/107/B.W/BWP/A-5

SOM Lab

Ref:

895(Page-1/1)

Dated: 24-05-2019

Dated:

27-05-2019

Test: Tension Test

Test Specification:

ASTM-A-615

Deformed

Gauge Length: 8 inch

Sample Type:

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	1.471	6	0.742	0.44	0.432	17.07	20.41	85590	87170	102290	104190	1.00	8.0	12.5	
2	1.469	6	0.742	0.44	0.432	15.26	19.32	76490	77910	96830	98620	1.30	8.0	16.3	
3	1.473	6	0.743	0.44	0.433	15.11	19.13	75720	76950	95910	97460	1.20	8.0	15.0	
4	0.598	4	0.473	0.20	0.176	6.34	7.36	69920	79450	81160	92230	1.20	8.0	15.0	
5	0.606	4	0.476	0.20	0.178	6.39	7.36	70480	79190	81160	91190	1.10	8.0	13.8	
6	0.592	4	0.471	0.20	0.174	6.52	7.49	71940	82690	82620	94970	1.20	8.0	15.0	
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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

Executive Engineer PWD,
PHE Division Bhimber A. K

Test Performed By: Dr. /Engr. M Rizwan Azam

Client Reference: 430-31

SOM Lab

Ref: 896 (Page-1/1)

Dated: 20-05-2019

Dated: 27-05-2019

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Deformed

Gauge Length: 8 inch

Sample Type:

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	1.458	6	0.738	0.44	0.428	12.25	18.67	61420	63140	93610	96230	1.30	8.0	16.3	
2	1.455	6	0.738	0.44	0.428	11.98	18.57	60040	61720	93100	95710	1.30	8.0	16.3	
3	0.647	4	0.492	0.20	0.190	5.45	8.38	60140	63310	92400	97260	1.40	8.0	17.5	
4	0.656	4	0.496	0.20	0.193	5.61	8.53	61830	64070	94090	97500	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
# 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 Zia ur Rehman Hashmi
Director, Signature Heights, Lahore

Test Performed By: Dr. /Engr. Umbreen Sahir

Client Reference: nil

SOM Lab

Ref: 897(Page-1/1)

Dated: 23-05-2019

Dated: 27-05-2019

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Deformed

Gauge Length: 8 inch

Sample Type:

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	2.570	8	0.980	0.79	0.755	26.86	33.71	74990	78460	94110	98470	1.40	8.0	17.5	
2	1.515	6	0.753	0.44	0.445	15.67	20.05	78530	77650	100500	99380	1.20	8.0	15.0	
3	0.669	4	0.501	0.20	0.197	7.00	8.12	77230	78400	89590	90960	1.10	8.0	13.8	
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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

Sub Divisional Officer
P. H. Engg: Sub Division, Taunsa

Test Performed By: Dr. /Engr. M Rizwan Azam

Client Reference: 27/5

SOM Lab

Ref: 898(Page-1/1)

Dated: 24-05-2019

Dated: 27-05-2019

Test: Tension Test Bend Test

Test Specification:

ASTM-A-615

Deformed

Gauge Length: 8 inch

Sample Type:

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	0.650	4	0.493	0.20	0.191	6.09	8.10	67110	70270	89370	93580	1.00	8.0	12.5	
2	0.613	4	0.479	0.20	0.180	5.47	7.44	60370	67070	82060	91180	0.90	8.0	11.3	
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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

Abid Sultan
Admin Manager, Variant, 25-t-Gulberg- 2, Lahore

Test Performed By: Dr. /Engr. M Rizwan Azam

Client Reference: VA/23/131

SOM Lab 900(Page-

Ref: 1/1)

Dated: 27-05-2019

Dated: 27-05-2019

Test: Tension & Bend Test

Test Specification:

ASTM-A-615

Guage 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	1.511	6	0.752	0.44	0.444	15.90	18.17	79710	78990	91050	90230	1.20	8.0	15.0	
2	0.668	4	0.500	0.20	0.196	6.22	9.19	68570	69970	101390	103460	1.00	8.0	12.5	
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BEND TEST:

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