

Shakeel Ahmed
Project Manager, Condrill (Pvt.) LtdLahore

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

Client Reference: CD/33-B/26/8682

SOM Lab Ref: 4897(Page-1/1)

Dated: 01-09-2021

Dated: 01-09-2021

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

ASTM-A-615

Gauge Length: 8 inch

Sample Type: Deformed Bar

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	2.682	8	1.002	0.79	0.788	24.36	34.17	68020	68190	95390	95630	1.40	8.0	17.5	
2	1.511	6	0.752	0.44	0.444	13.05	18.57	65400	64810	93100	92260	1.30	8.0	16.3	
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Witnessed By: Shoaib Zahid, Sr. Officer Construction B.S.S

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

Shakeel Ahmed
Project Manager, Condrill (Pvt.) LtdLahore

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

Client Reference: CD/33-B/26/8682

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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	2.682	8	1.002	0.79	0.788	24.36	34.17	68020	68190	95390	95630	1.40	8.0	17.5	
2	1.511	6	0.752	0.44	0.444	13.05	18.57	65400	64810	93100	92260	1.30	8.0	16.3	
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Witnessed By: Shoaib Zahid, Sr. Officer Construction B.S.S

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

Muhammad Naeem Fazal

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

Site Engineer, Project Managers (Project : Allied Bank Ltd. Plot No 14, Block A3, Gulberg-III Lahore)

Client Reference: nil

SOM Lab Ref: 4897(Page-1/1)

Dated: 01-09-2021

Dated: 01-9-2021

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	1.505	6	0.750	0.44	0.442	16.41	21.41	82260	81890	107300	106810	1.00	8.0	12.5	
2	1.470	6	0.742	0.44	0.432	15.87	21.46	79560	81030	107560	109550	1.10	8.0	13.8	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
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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

Muhammad Naeem Fazal

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

Site Engineer, Project Managers (Project : Allied Bank Ltd. Plot No 14, Block A3, Gulberg-III Lahore)

Client Reference: nil

SOM Lab Ref: 4897(Page-1/1)

Dated: 01-09-2021

Dated: 01-9-2021

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	1.505	6	0.750	0.44	0.442	16.41	21.41	82260	81890	107300	106810	1.00	8.0	12.5	
2	1.470	6	0.742	0.44	0.432	15.87	21.46	79560	81030	107560	109550	1.10	8.0	13.8	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
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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

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

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

Client Reference: CC/DMIS/FSD

SOM Lab Ref: 4900(Page-1/1)

Dated: 01-9-2021

Dated: 01-09-2021

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	1.527	6	0.756	0.44	0.449	14.53	20.29	72810	71350	101680	99640	1.30	8.0	16.3	
2	1.543	6	0.759	0.44	0.453	14.68	20.41	73580	71470	102290	99360	1.20	8.0	15.0	
3	0.688	4	0.507	0.20	0.202	7.26	9.06	80040	79240	99930	98940	1.40	8.0	17.5	
4	0.689	4	0.507	0.20	0.202	7.13	9.04	78580	77800	99710	98720	1.40	8.0	17.5	
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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

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

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

Client Reference: CC/DMIS/FSD

SOM Lab Ref: 4900(Page-1/1)

Dated: 01-9-2021

Dated: 01-09-2021

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	1.527	6	0.756	0.44	0.449	14.53	20.29	72810	71350	101680	99640	1.30	8.0	16.3	
2	1.543	6	0.759	0.44	0.453	14.68	20.41	73580	71470	102290	99360	1.20	8.0	15.0	
3	0.688	4	0.507	0.20	0.202	7.26	9.06	80040	79240	99930	98940	1.40	8.0	17.5	
4	0.689	4	0.507	0.20	0.202	7.13	9.04	78580	77800	99710	98720	1.40	8.0	17.5	
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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

Maj Adnan khalid®

Test Performed By: Dr. /Engr. S. Asad Ali Gillan

Dy Dir MTL, Const. of Infra Works at Sector - KK, Phase IV (NBPOCHS) - (M/S Reliable)

Client Reference: 408/241/E/Lab/125/O. H-13

SOM Lab Ref: 4901(Page-1/1)

Dated: 23-08-2021

Dated: 01-09-2021

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	2.649	8	0.995	0.79	0.778	26.71	35.34	74560	75710	98660	100190	1.30	8.0	16.3	
2	2.657	8	0.997	0.79	0.781	26.91	34.66	75130	76000	96760	97870	1.60	8.0	20.0	
3	1.501	6	0.749	0.44	0.441	15.21	19.67	76240	76060	98610	98390	1.30	8.0	16.3	
4	1.503	6	0.750	0.44	0.442	15.09	19.67	75620	75280	98610	98170	1.50	8.0	18.8	
5	1.055	5	0.628	0.31	0.310	10.70	14.12	76150	76150	100440	100440	1.40	8.0	17.5	
6	1.058	5	0.629	0.31	0.311	10.81	13.76	76880	76630	97910	97590	1.20	8.0	15.0	
7	0.678	4	0.503	0.20	0.199	6.42	8.97	70820	71180	98920	99420	1.50	8.0	18.8	
8	0.682	4	0.505	0.20	0.200	6.49	8.99	71610	71610	99150	99150	1.00	8.0	12.5	
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-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

BEND TEST:

# 8	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Twelve Samples Received and Tested
# 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: Please always confirm the results of above report on web www.uet-civil.edu.pk

Maj Adnan khalid®

Test Performed By: Dr. /Engr. S. Asad Ali Gillan

Dy Dir MTL, Const. of Infra Works at Sector - KK, Phase IV (NBPOCHS) - (M/S Reliable)

Client Reference: 408/241/E/Lab/125/O. H-13

SOM Lab Ref: 4901(Page-1/1)

Dated: 23-08-2021

Dated: 01-09-2021

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	2.649	8	0.995	0.79	0.778	26.71	35.34	74560	75710	98660	100190	1.30	8.0	16.3	
2	2.657	8	0.997	0.79	0.781	26.91	34.66	75130	76000	96760	97870	1.60	8.0	20.0	
3	1.501	6	0.749	0.44	0.441	15.21	19.67	76240	76060	98610	98390	1.30	8.0	16.3	
4	1.503	6	0.750	0.44	0.442	15.09	19.67	75620	75280	98610	98170	1.50	8.0	18.8	
5	1.055	5	0.628	0.31	0.310	10.70	14.12	76150	76150	100440	100440	1.40	8.0	17.5	
6	1.058	5	0.629	0.31	0.311	10.81	13.76	76880	76630	97910	97590	1.20	8.0	15.0	
7	0.678	4	0.503	0.20	0.199	6.42	8.97	70820	71180	98920	99420	1.50	8.0	18.8	
8	0.682	4	0.505	0.20	0.200	6.49	8.99	71610	71610	99150	99150	1.00	8.0	12.5	
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-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

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# 8	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Twelve Samples Received and Tested
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# 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