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

PM ICPL (OMBRe' Holding Pvt Ltd Raiwind,Lahore)

Client Reference: OMBRe'/Mughal/Steel/019 **Dated:** 03-07-2025

SOM Lab Ref: CED/SOM/1471(Page-1/1) **Dated:** 04-07-2025

Test: Tension Test & Bend Test **Test Specification:** ASTM-A 615

Sample Type: MS Deformed Bar **Gauge Length:** 200 mm

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)				
	kg/m	mm	mm	mm^2	mm^2	kN	kN	MPa	MPa	MPa	MPa	mm	mm	%	
1	2.474	20	20.03	314	315	149.20	206.20	475	474	656	655	35.0	200	17.5	
2	2.451	20	19.94	314	312	149.70	208.20	477	480	663	667	40.0	200	20.0	
3	1.585	16	16.04	201	202	99.50	134.50	495	493	669	667	22.5	200	11.3	
4	1.571	16	15.96	201	200	96.20	132.70	478	481	660	664	27.5	200	13.8	
5	0.975	12	12.58	113	124	64.70	85.20	572	521	753	686	27.5	200	13.8	
6	0.980	12	12.61	113	125	65.20	86.20	576	523	762	691	32.5	200	16.3	
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BEND TEST:

20mm	Sample bend through 180 degrees Satisfactorily without any crack
16mm	Sample bend through 180 degrees Satisfactorily without any crack
12mm	Sample bend through 180 degrees Satisfactorily without any crack

Note:-

Only Nine Samples Received and Tested

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

Muhammad Shafeeq

Manager Operations Indigo Signature Apartments Lahore.

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

Client Reference: Nil

Dated: 03-07-2025

SOM Lab Ref: 1475 (Page-1/1)

Dated: 07-07-2025

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	2.641	8	0.994	0.79	0.776	27.12	34.35	75700	77070	95900	97630	1.60	8.0	20.0	
2	2.643	8	0.995	0.79	0.777	25.38	33.25	70860	72050	92830	94380	1.50	8.0	18.8	
3	0.637	4	0.488	0.20	0.187	5.88	7.46	64860	69370	82290	88010	1.50	8.0	18.8	
4	0.630	4	0.485	0.20	0.185	5.63	7.21	62050	67080	79470	85920	1.40	8.0	17.5	
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BEND TEST:

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

Note:-

Only Six Samples Received and Tested

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

Sub Divisional officer, **Test Performed By:** **Dr. /Engr.** Asad Ali Gillani

The Punjab Employees Social Security Institution Lhr.(Const of B/Wall,Guard Room,Main Gate and S/Lights)

Client Reference: SS.DC(207) 25/868 **SOM Lab Ref:** 1476(Page-1/1)

Dated: 02-07-2025 **Dated:** 07-07-2025

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	0.583	4	0.467	0.20	0.171	4.79	7.36	52840	61790	81160	94920	1.60	8.0	20.0	
2	0.593	4	0.471	0.20	0.174	4.74	7.10	52270	60080	78350	90060	1.50	8.0	18.8	
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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

M.Armughan Khan **Test Performed By:** **Dr. /Engr.** Asad Ali Gillani

Dy Dir WASA,LDA,Lhr.(Provision Of Trunk Sewer Road to Lahore Lyceum School Manawan Campus)

Client Reference: QCD/2983 **SOM Lab Ref:** 1477 (Page-1/2)

Dated: 02-07-2025 **Dated:** 07-07-2025

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	2.663	8	0.998	0.79	0.783	23.06	38.07	64370	64950	106290	107240	1.20	8.0	15.0	
2	2.662	8	0.998	0.79	0.782	23.06	37.94	64370	65030	105920	107000	1.10	8.0	13.8	
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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

M.Armughan Khan **Test Performed By:** **Dr. /Engr.** Asad Ali Gillani

Dy Dir WASA,LDA,Lhr.(Provision Of Trunk Sewer Road to Lahore Lyceum School Manawan Campus)

Client Reference: QCD/2982 **SOM Lab Ref:** 1477 (Page-2/2)

Dated: 02-07-2025 **Dated:** 07-07-2025

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	1.495	6	0.748	0.44	0.439	12.05	18.04	60400	60530	90440	90650	1.20	8.0	15.0	
2	1.496	6	0.748	0.44	0.440	12.08	18.06	60550	60550	90540	90540	1.30	8.0	16.3	
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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