

Kashif Shahzad
 Manager Technical Gharibwal Cement Ltd.Lahore

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

Client Reference: GCL/Purchase/UET/008

Dated: 24-07-2025

SOM Lab Ref: CED/SOM/1564 (Page-1/1)

Dated: 25-07-2025

Test: Tension Test & Bend Test

Test Specification: ASTM-A 615

Sample Type: 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	4.666	28	27.50	616	594	271.00	445.70	440	457	724	751	32.5	200	16.3	H # 697
2	4.804	28	27.91	616	612	270.00	442.00	438	442	718	723	35.0	200	17.5	H # 697
3	4.819	28	27.96	616	614	284.00	472.00	461	463	767	769	32.5	200	16.3	H # 698
4	4.836	28	28.01	616	616	288.00	473.00	468	468	768	768	30.0	200	15.0	H # 698
5	4.851	28	28.05	616	618	270.00	449.00	438	437	729	727	35.0	200	17.5	H # 200
6	4.846	28	28.04	616	617	271.00	451.00	440	439	732	731	35.0	200	17.5	H # 200
7	5.053	28	28.63	616	644	285.00	449.20	463	443	730	698	35.0	200	17.5	H # 201
8	5.070	28	28.68	616	646	285.00	450.00	463	442	731	697	35.0	200	17.5	H # 201
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BEND TEST:

28mm	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Twelve Samples Received and Tested
28mm	Sample bend through 180 degrees Satisfactorily without any crack	
28mm	Sample bend through 180 degrees Satisfactorily without any crack	
28mm	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,

Test Performed By:

Dr. /Engr. Asad Ali Gillani

PHE Sub Div Bhakkar.(Urban Sewerage/Drainage,PCC Slab Brick Pavement in Bhakkar City)

Client Reference: 157/Bk

SOM Lab

Ref:

1565 (Page-1/1)

Dated: 14-07-2025

Dated:

25-07-2025

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	0.547	4	0.453	0.20	0.161	4.61	7.08	50810	63120	78130	97050	1.10	8.0	13.8	
2	0.542	4	0.450	0.20	0.159	4.64	7.03	51150	64340	77560	97560	0.80	8.0	10.0	
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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

Muhammad Hummayun Umair
 Manager Operations Air Link Communication Ltd.(Project at Sunday Green)

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

Client Reference: Nil

SOM Lab

Ref: 1568 (Page-1/1)

Dated: 25-07-2025

Dated: 25-07-2025

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type: Deformed Bar (Ittefaq 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	2.658	8	0.997	0.79	0.781	27.83	35.88	77690	78590	100170	101330	1.20	8.0	15.0	
2	1.503	6	0.750	0.44	0.442	15.46	20.15	77510	77160	101020	100560	1.30	8.0	16.3	
3	0.656	4	0.496	0.20	0.193	6.60	8.43	72730	75370	92960	96340	1.20	8.0	15.0	
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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

Client Reference: 154-R/1732

SOM Lab

Ref: 1569 (Page-1/1)

Dated: 10-07-2025

Dated: 25-07-2025

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (Farooq 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	2.614	8	0.989	0.79	0.768	22.40	36.00	62520	64320	100510	103390	1.30	8.0	16.3	
2	2.624	8	0.991	0.79	0.771	21.87	35.85	61040	62550	100090	102550	1.30	8.0	16.3	
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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.Nadeem Zafarullah

Test Performed By:

Dr. /Engr. Asad Ali Gillani

Incharge for MD SNGPL.(Upgradation of Existing Customer Services Centre at Regional Distribution Office Gujranwala)

Client Reference: CC/CSC/RDO-GWJ

SOM Lab

Ref: 1570 (Page-1/1)

Dated: 25-07-2025

Dated: 25-07-2025

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	0.658	4	0.496	0.20	0.193	6.17	8.23	68010	70480	90720	94010	1.10	8.0	13.8	
2	0.660	4	0.497	0.20	0.194	6.29	8.51	69360	71500	93860	96770	1.10	8.0	13.8	
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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