

Test Performed by: Dr. S. Asad Ali Gillani

Sub Divisional officer,
BSD No.13 Lhr.
(Scheme 04 Addition Class Room at Govt Girls High School Bohgan Cantt Lhr)

Client Reference No.: 1206 Dated: 29-05-2025

SOM Lab Ref: CED/SOM/1301 (Page-2/2) Dated: 29-05-2025

Test Type: Hardness Test

Sample Type: Deformed Bar (3/4",1/2",3/8")

Hardness Test Details:

Machine used: Avery Rockwell Hardness Testing Machines
(Minor Load: 10 Kgf Major Load: 90.0 kgf Scale: B)

Hardness Test Results

Sample No.	Sample Type	Hardness avg
1	Deformed Bar (3/4")	HR –75.33– B
2	Deformed Bar (1/2")	HR –62.16– B
3	Deformed Bar (3/8")	HR –60.66– B

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

Minhas Construction
Faisal Hill Texila.

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

Client Reference: MCC/CFL/025
SOM Lab Ref: CED/SOM/1300(Page-1/1)
Test: Tension Test & Bend Test
Sample Type: Deformed Bar

Dated: 29-05-2025
Dated: 29-05-2025

Test Specification: ASTM-A 615
Gauge Length: 200 mm

[illegible]

BEND TEST:

25mm	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Six Samples Received and Tested
13mm	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

Incharge for MD SNGPL.(Repair & ReConst Of B/Wall and Replacement of Roof Slab at Store Office)

Incharge for MD SNGPL.(Repair & ReConst Of B/Wall and Replacement of Roof Slab at Store Office)

Ref: 1295 (Page-1/1)

Dated: 29-05-2025

Test Specification: ASTM-A-615

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	0.590	4	0.469	0.20	0.173	5.71	7.39	62950	72780	81500	94220	1.20	8.0	15.0	
2	0.591	4	0.471	0.20	0.174	5.76	7.46	63510	73000	82290	94580	1.10	8.0	13.8	
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<u>BEND TEST:</u>															
--	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															

Engr. Naveed Sadiq

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

RE Orbit Developers.Lahore.(The Springs 47,Gulberg Lahore)

Client Reference: Nil

Dated: 28-05-2025

Test: Tension Test & Bend Test

Gauge Length: 8 inch

SOM Lab

Ref: 1297 (Page-1/1)

Dated: 29-05-2025

Test Specification: ASTM-A-615

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	2.679	8	1.001	0.79	0.787	25.99	36.97	72570	72850	103220	103610	1.30	8.0	16.3	
2	2.682	8	1.002	0.79	0.788	25.15	36.19	70210	70390	101030	101280	1.40	8.0	17.5	
3	0.657	4	0.496	0.20	0.193	6.52	9.02	71940	74550	99480	103090	1.00	8.0	12.5	
4	0.661	4	0.497	0.20	0.194	6.39	9.09	70480	72660	100270	103370	1.00	8.0	12.5	
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BEND TEST:

# 8	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

Dy Dir WASA,LDA,Lhr.(Establish Project-Specific Pipe Factory For Manufactureing Of RCC Pipes)

Dy Dir WASA,LDA,Lhr.(Establish Project-Specific Pipe Factory For Manufactureing Of RCC Pipes)

Ref: 1298 (Page-1/2)

Dated: 29-05-2025

Test Specification: ASTM-A-615

Sample Type: Deformed Bar

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BEND TEST:

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

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

Dy Dir WASA,LDA,Lhr.(Establish Project-Specific Pipe Factory For Manufactureing Of RCC Pipes)

Dr. /Engr. Asad Ali Gillani

Dated: 26-05-2025

Ref: 1298 (Page-2/2)

Dated: 29-05-2025

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type: Deformed Bar

[illegible]

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

SOM Lab
Ref: 1299 (Page-1/1)

Dated: 29-05-2025

Test Specification: ASTM-A-615

Sample Type: Deformed Bar (Farooq Steel)

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# 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

BSD No.13 Lhr.(Scheme 04 Addition Class Room at Govt Girls High School Bohgan Cantt Lhr)

Dr. /Engr. Asad Ali Gillani

Dated: 29-05-2025

Ref: 1301(Page-1/2)

Dated: 29-05-2025

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	1.510	6	0.752	0.44	0.444	14.65	19.18	73430	72760	96160	95300	1.60	8.0	20.0	
2	1.527	6	0.756	0.44	0.449	14.34	19.13	71890	70450	95910	93980	1.40	8.0	17.5	
3	0.585	4	0.468	0.20	0.172	4.96	6.63	54750	63660	73070	84960	1.10	8.0	13.8	
4	0.668	4	0.500	0.20	0.196	6.17	8.28	68010	69400	91280	93140	1.20	8.0	15.0	
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<u>BEND TEST:</u>															
# 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															

Sub Divisional officer,
BSD Jhang.(Construction of PDMA Warehouse at Jhang)

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

Client Reference: 1648
Dated: 17-05-2025
Test: Tension Test & Bend Test
Gauge Length: 8 inch

SOM Lab
Ref: 1302(Page-1/1)
Dated: 29-05-2025
Test Specification: ASTM-A-615
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	2.644	8	0.995	0.79	0.777	28.44	36.56	79400	80730	102080	103790	1.20	8.0	15.0	
2	2.640	8	0.994	0.79	0.776	28.54	36.06	79680	81120	100660	102470	1.20	8.0	15.0	
3	1.477	6	0.743	0.44	0.434	14.78	18.71	74090	75110	93760	95060	1.30	8.0	16.3	
4	1.457	6	0.738	0.44	0.428	14.07	17.84	70510	72490	89420	91920	1.50	8.0	18.8	
5	0.655	4	0.494	0.20	0.192	7.14	8.48	78690	81970	93530	97420	1.00	8.0	12.5	
6	0.640	4	0.489	0.20	0.188	7.00	8.72	77230	82160	96110	102250	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