

Rockwell Corp (Pvt) Ltd

Test Performed By:

Dr. /Engr.

Nauman Khurram

Lahore.[Project Pile Work at Colgate Palmolive Block-G, Sundar Industrial Estate,Lhr]

Client Reference: RCL/CPL/Lab-1

Dated: 20-08-2025

SOM Lab Ref: CED/SOM/1667 (Page-1/1)

Dated: 20-08-2025

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	1.549	16	15.84	201	197	99.20	134.70	493	504	670	684	35.0	200	17.5	
2	1.542	16	15.82	201	196	102.20	139.50	508	521	694	711	35.0	200	17.5	
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BEND TEST:

16mm	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 Yaseen

Test Performed By: Dr. /Engr. Nauman Khurram

PM Hassan Construction Company.(Geniteam Head Office OnPlat No.30-B Zahoor Gulberg-2)

Client Reference: HC/Const-30B/25/147

SOM Lab

Ref: 1666 (Page-1/1)

Dated: 04-08-2025

Dated: 20-08-2025

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	2.626	8	0.991	0.79	0.772	25.69	33.66	71720	73390	93970	96160	1.40	8.0	17.5	
2	1.481	6	0.744	0.44	0.435	13.30	17.13	66680	67450	85840	86830	1.30	8.0	16.3	
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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

Hamid Javid

Test Performed By: Dr. /Engr. Nauman Khurram

AE B&R GE(Air) Rafiqui.(Const Of 01xBlock of 6 'F' Type Flats at PAF Base Rafiqui)

Client Reference: 6941/13/E-6

SOM Lab

Ref: 1668 (Page-1/1)

Dated: 11-08-2025

Dated: 20-08-2025

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	2.623	8	0.991	0.79	0.771	21.78	32.28	60820	62320	90130	92350	1.20	8.0	15.0	
2	1.514	6	0.753	0.44	0.445	11.88	19.62	59530	58860	98360	97250	1.20	8.0	15.0	
3	1.037	5	0.623	0.31	0.305	8.58	12.22	61070	62070	86960	88380	1.20	8.0	15.0	
4	0.661	4	0.497	0.20	0.194	6.49	8.56	71610	73820	94420	97340	1.00	8.0	12.5	
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BEND TEST:

# 8	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Eight 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