

Waqas Ahmed ,PM

Test Performed By:

Dr. /Engr.

Nauman Khurram

High-Q Constructions Lhr.(Const Of High-Q Mall at 3-A Gulberg II Lahore)

Client Reference: QC/HQ/CIVIL/190

Dated: 23-02-2024

SOM Lab Ref: CED/SOM/3699(Page-1/1)

Dated: 23-02-2024

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	3.989	25	25.43	491	508	275.00	364.50	560	542	743	718	35.0	200	17.5	
2	3.949	25	25.31	491	503	266.70	358.00	543	531	729	712	37.5	200	18.8	
3	0.883	12	11.97	113	112	54.20	70.50	479	483	623	628	30.0	200	15.0	
4	0.898	12	12.07	113	114	55.50	72.20	491	486	638	632	30.0	200	15.0	
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BEND TEST:

25mm	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Six Samples Received and Tested
12mm	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

Waqas Ahmed ,PM

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

High-Q Constructions Lhr.(Const Of High-Q Mall at 3-A Gulberg II Lahore)

Client Reference: QC/HQ/CIVIL/190-A

Dated: 23-02-2024

SOM Lab Ref: CED/SOM/3700(Page-1/1)

Dated: 23-02-2024

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	1.668	16	16.47	201	213	108.50	142.20	540	510	707	668	25.0	200	12.5	
2	1.567	16	15.94	201	200	99.50	135.00	495	499	671	677	30.0	200	15.0	
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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

Sub Divisional Officer

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

HSD Sohawa.(Const Of Rohtas Fort Bypass Road Length=3.21KM Distt Jhelum)

Client Reference: 35/S

SOM Lab

Ref:

3701 (Page-1/1)

Dated: 21-02-2024

Dated:

23-02-2024

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	1.540	6	0.759	0.44	0.453	15.67	21.94	78530	76280	109960	106800	1.20	8.0	15.0	
2	1.543	6	0.759	0.44	0.453	15.36	21.81	77000	74790	109340	106210	1.00	8.0	12.5	
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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

Engr. Major Zia-Ul-Islam ®

Test Performed By:

Dr. /Engr. Asad Ali Gillani

PD GCC,Overseas Const.Co, Lahore.(Project Gulberg City Cerntre, Lahore)

Client Reference: OCC/Steel/56

SOM Lab

Ref: 3702 (Page-1/1)

Dated: 23-02-2024

Dated: 23-02-2024

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (AK Supreme)

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	1.525	6	0.755	0.44	0.448	17.30	23.04	86710	85160	115480	113410	1.00	8.0	12.5	
2	0.664	4	0.498	0.20	0.195	6.83	9.35	75320	77250	103080	105720	1.30	8.0	16.3	
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BEND TEST:

# 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

Tanveer Ahmad
 Manager Civil Shangrila Foods (Pvt) Ltd.Karachi

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

Client Reference: Nil

SOM Lab

Ref: 3703 (Page-1/1)

Dated: 23-02-2024

Dated: 23-02-2024

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	26.32	35.70	73480	75290	99660	102120	1.30	8.0	16.3	
2	2.624	8	0.991	0.79	0.771	25.99	35.70	72570	74360	99660	102120	1.20	8.0	15.0	
3	1.507	6	0.751	0.44	0.443	15.51	21.02	77770	77240	105360	104650	1.20	8.0	15.0	
4	1.494	6	0.748	0.44	0.439	15.26	20.61	76490	76670	103310	103550	1.10	8.0	13.8	
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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	

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