

Khalid Bashir

Test Performed By:

Dr. /Engr.

S. Asas Ali Gillani

Ittefaq Building Solution (Pvt) Ltd. Lahore (Sapphire Diamond Ferozwatwan)

Client Reference: IBS/SD/ST02

SOM Lab

Ref:

5110(Page-1/1)

Dated: 07-10-2021

Dated:

07-10-2021

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	2.664	8	0.998	0.79	0.783	31.75	37.92	88650	89440	105860	106810	1.20	8.0	15.0	
2	2.650	8	0.996	0.79	0.779	32.06	38.14	89500	90770	106490	107990	1.00	8.0	12.5	
3	1.453	6	0.737	0.44	0.427	14.04	16.97	70360	72500	85070	87660	1.00	8.0	12.5	
4	1.439	6	0.734	0.44	0.423	11.98	15.48	60040	62450	77620	80730	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	

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

Sub Divisional Officer
Buildings Sub Division, Kasur

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

Client Reference: 379

SOM Lab

Ref: 5111(Page-1/1)

Dated: 30-09-2021

Dated: 07-10-2021

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	1.461	6	0.739	0.44	0.429	12.33	18.73	61830	63410	93860	96270	1.20	8.0	15.0	
2	1.464	6	0.740	0.44	0.430	11.93	19.72	59780	61170	98870	101170	1.10	8.0	13.8	
3	0.683	4	0.506	0.20	0.201	5.30	7.46	58460	58160	82290	81880	1.00	8.0	12.5	
4	0.685	4	0.506	0.20	0.201	5.37	7.53	59240	58950	83070	82660	1.10	8.0	13.8	
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BEND TEST:

--	No Bend test performed	Note:- Only Four Samples Received and Tested

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

Colonel Azim Ilyas (R)
Coordinator / Secretary, Lahore Diocesan Board of Education

Test Performed By: Dr. /Engr.

S. Asad Ali
Gillani

Client Reference: COORD/124/54/BLDG

SOM Lab

Ref: 5112(Page-1/1)

Dated: 06-09-2021

Dated: 07-10-2021

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	2.660	8	0.998	0.79	0.782	27.44	37.00	76610	77390	103300	104360	1.20	8.0	15.0	
2	0.670	4	0.501	0.20	0.197	7.85	9.17	86560	87870	101170	102710	0.90	8.0	11.3	
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BEND TEST:

# 8	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

Dr. Ikram
Abdullah Bin Subayyal, Developers Pvt. Ltd.

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

Client Reference: Nil

SOM Lab

Ref: 5113(Page-1/1)

Dated: 07-10-2021

Dated: 07-10-2021

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	2.644	8	0.995	0.79	0.777	26.20	34.32	73140	74360	95820	97420	1.40	8.0	17.5	
2	1.489	6	0.747	0.44	0.438	15.57	19.57	78020	78380	98100	98550	1.00	8.0	12.5	
3	0.676	4	0.503	0.20	0.199	6.88	8.84	75880	76260	97460	97950	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	
# 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

Baig Construction Co.
Fazal Elahi Road, Rehman Pura, Lahore

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

Client Reference: 07102021BCC

SOM Lab

Ref: 5115 (Page-1/1)

Dated: 07-10-2021

Dated: 07-10-2021

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (Rebar 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	2.561	8	0.979	0.79	0.753	24.01	34.76	67020	70310	97040	101810	1.30	8.0	16.3	
2	2.710	8	1.007	0.79	0.796	26.07	37.10	72770	72220	103590	102810	1.00	8.0	12.5	
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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

