

Sajid Hussain Sadiq,

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

Site Engr.Sitara Heights.(Project "Sitara 3 Jays Tower Firdous Market Lahore)

Client Reference: SHPL/3JAYS/LHR/10

SOM Lab

624 (Page-

Ref:

1/1)

Dated: 06-07-2022

Dated:

06-07-2022

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	22.70	37.18	63380	64440	103790	105520	1.20	8.0	15.0	
2	2.634	8	0.993	0.79	0.774	22.09	36.51	61670	62950	101940	104040	1.10	8.0	13.8	
3	1.429	6	0.731	0.44	0.420	12.23	18.32	61320	64240	91820	96190	1.20	8.0	15.0	
4	1.416	6	0.728	0.44	0.416	12.66	18.47	63460	67120	92590	97930	1.00	8.0	12.5	
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BEND TEST:

8 Sample bend through 180 degrees Satisfactorily without any crack

6 Sample bend through 180 degrees Satisfactorily without any crack

Note:-Only Six Samples
Received and TestedNote: Please always confirm the results of above report on web www.uet-civil.edu.pk

Procurement Manager
Premier Developers & Builders

Test Performed By: Dr. /Engr. Nauman Khurram

Client Reference: LG-II/021

SOM Lab 632 (Page-1/1)
Ref: 1/1)

Dated: 06-07-2022

Dated: 13-07-2022

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (FF 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	2.689	8	1.003	0.79	0.790	23.70	32.42	66170	66170	90500	90500	1.60	8.0	20.0	
2	0.654	4	0.494	0.20	0.192	6.09	8.53	67110	69910	94090	98010	1.50	8.0	18.8	
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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

Syed Khalid Gillani (TL)

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

G3 Engg Consult.(Prov Of Sewerage/Drainage And Streets/Tuff Tiles etc at Shadiwal Rd Distt Gujrat)

Client Reference: G3/0265/TL-8i

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Dated: 07-07-2022

Dated: 14-07-2022

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	1.474	6	0.743	0.44	0.433	12.49	19.13	62590	63610	95910	97460	1.50	8.0	18.8	
2	0.607	4	0.476	0.20	0.178	5.78	8.31	63740	71620	91610	102940	1.20	8.0	15.0	
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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

Syed Khalid Gillani (TL)

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

G3 Engg Consult.(Prov Of Sewerage/Drainage And Streets/Tuff Tiles etc at Spall Town Distt Gujrat)

Client Reference: G3/0265/TL-8ii

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Ref: 2/4)

Dated: 07-07-2022

Dated: 14-07-2022

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	1.569	6	0.766	0.44	0.461	14.80	18.93	74190	70810	94880	90560	1.40	8.0	17.5	
2	0.722	4	0.520	0.20	0.212	6.83	9.68	75320	71050	106790	100740	1.20	8.0	15.0	
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BEND TEST:

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

Syed Khalid Gillani (TL)

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

G3 Engg Consult.(Prov Of Sewerage/Drainage And Streets/Tuff Tiles at Ghulam Qadir Rd Distt Gujrat)

Client Reference: G3/0265/TL-8iii

SOM Lab 633 (Page-

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Dated: 07-07-2022

Dated: 14-07-2022

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	1.480	6	0.744	0.44	0.435	12.69	19.11	63620	64350	95800	96910	1.30	8.0	16.3	
2	0.660	4	0.497	0.20	0.194	7.03	8.58	77560	79960	94650	97580	1.00	8.0	12.5	
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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

Syed Khalid Gillani (TL)

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

G3 Engg Consult.(Prov Of Sewerage/Drainage And Streets/Tuff Tiles at Randhanpur Distt Gujrat)

Client Reference: G3/0265/TL-8vii

SOM Lab 633 (Page-

Ref: 4/4)

Dated: 07-07-2022

Dated: 14-07-2022

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	1.659	6	0.788	0.44	0.488	17.45	21.48	87480	78870	107660	97070	1.20	8.0	15.0	
2	0.615	4	0.480	0.20	0.181	6.44	8.26	71040	78500	91050	100610	1.00	8.0	12.5	
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Note: Please always confirm the results of above report on web www.uet-civil.edu.pk