

Shahzad Muneer (Team Leader)

Test Performed By: Dr. /Engr. Wasim Abbas

G3 Engg Consult.(Ext. Rehb Of Urban Sewerage Scheme Kamalia City Ph II)(Central Zone Pkg-II)

Client Reference: G3/0265/TPV/3

SOM Lab 628 (Page-1/1)

Dated: 06-07-2022

Dated: 07-07-2022

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	0.551	4	0.454	0.20	0.162	7.49	9.17	82620	102000	101170	124900	1.00	8.0	12.5	
2	0.553	4	0.456	0.20	0.163	6.80	8.77	74980	92000	96670	118620	1.20	8.0	15.0	
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BEND TEST:

# 4	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

Ilyas Majeed Sheikh
Chairman Eagle Developers. (Dream Galleria Lahore)

Test Performed By: Dr. /Engr. Wasim Abbas

Client Reference: Nil

SOM Lab 629 (Page-1/1)

Dated: 07-07-2022

Dated: 07-07-2022

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	2.645	8	0.995	0.79	0.777	26.47	35.32	73910	75140	98610	100260	1.40	8.0	17.5	
2	1.495	6	0.748	0.44	0.439	12.10	17.71	60650	60790	88750	88960	1.60	8.0	20.0	
3	0.604	4	0.476	0.20	0.178	8.38	9.25	92400	103820	101960	114560	0.90	8.0	11.3	
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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

Sajjad Ali Memon
RE Pillar & Sons.(Rumanza Golf & Country Club,DHA Multan)

Test Performed By: Dr./Engr. Wasim Abbas

Client Reference: P&S/OTH/GEN/00083

SOM Lab Ref: 630 (Page-1/1)

Dated: 04-07-2022

Dated: 07-07-2022

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type: Deformed Bar (SJ 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	0.637	4	0.488	0.20	0.187	5.86	7.97	64640	69130	87910	94020	1.10	8.0	13.8	
2	0.665	4	0.498	0.20	0.195	6.39	8.41	70480	72290	92740	95120	1.10	8.0	13.8	
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BEND TEST:

# 4	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