

Maj Adnan khalid@

Test Performed By: Dr. /Engr.

S. Asad Ali
Gillani

Dy Dir MTL, Proposed Commercial Plaza, DRGCC Ph-III, DHA Ph-VI, (M/S Construct)

Client Reference: 408/241/E/Lab/799/4274

SOM Lab

Ref: 1884(Page-1/1)

Dated: 11-12-2019

Dated: 12-12-2019

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (Kamran 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	0.687	4	0.507	0.20	0.202	6.27	8.99	69130	68450	99150	98160	1.30	8.0	16.3	
2	0.689	4	0.507	0.20	0.202	6.22	8.82	68570	67890	97230	96270	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

Safdar Hussain
Resident Engineer, ACE, Danish School Mankera Residency

Test Performed By: Dr. /Engr. Nauman Khurram

Client Reference: ACE/RE-PDS/MNK/BHK/19/284

SOM Lab

Ref: 1885(Page-1/1)

Dated: 28-11-2019

Dated: 12-12-2019

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	1.473	6	0.743	0.44	0.433	12.97	18.60	65000	66050	93250	94760	1.00	8.0	12.5	
2	1.032	5	0.621	0.31	0.303	11.23	14.29	79920	81770	101680	104030	1.10	8.0	13.8	
3	0.651	4	0.493	0.20	0.191	7.19	8.89	79250	82980	98020	102640	1.00	8.0	12.5	
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BEND TEST:

# 6	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Six Samples Received and Tested
# 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