

Yasin Karamat
 Material Engineer, ACE (Pvt) Ltd. Rahim Yar Khan

Test Performed By: Dr. /Engr. M Rizwan Riaz

Client Reference: ACE /RYK/1447

SOM Lab

Ref: 224(Page-1/1)

Dated: 27-01-2019

Dated: 31-01-2019

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Deformed

Gauge Length: 8 inch

Sample Type:

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	2.612	8	0.989	0.79	0.768	24.46	34.45	68300	70260	96190	98940	1.50	8.0	18.8	
2	2.610	8	0.988	0.79	0.767	24.49	34.37	68360	70410	95960	98840	1.60	8.0	20.0	
3	1.482	6	0.745	0.44	0.436	14.34	21.07	71890	72550	105610	106580	1.10	8.0	13.8	
4	1.480	6	0.744	0.44	0.435	14.37	21.05	72050	72870	105510	106720	1.10	8.0	13.8	
5	0.650	4	0.493	0.20	0.191	6.09	8.53	67110	70270	94090	98520	1.30	8.0	16.3	
6	0.654	4	0.494	0.20	0.192	6.01	8.43	66320	69090	92960	96840	1.30	8.0	16.3	
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BEND TEST:

# 8	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Nine 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

Phytocon International (Pvt)
Ltd.
Lahore

Test Performed By: Dr. /Engr. M Rizwan Riaz

Client Reference: nil
Dated: 31-01-2019

SOM Lab
Ref: 225Page-1/1)
Dated: 31-01-2019

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	1.503	6	0.750	0.44	0.442	13.91	21.53	69750	69430	107910	107430	1.20	8.0	15.0	
2	1.488	6	0.746	0.44	0.437	13.20	21.36	66170	66620	107040	107780	1.10	8.0	13.8	
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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

Arch. Kalim A. Siddiqui
Chief Executive, K S & Associates, Lahore

Test Performed By: Dr. /Engr. M. Rehan Ashraf

Client Reference: KSA/MCB-FM-CHKW/17/JN-40

SOM Lab

Ref: 226(Page-1/1)

Dated: 31-01-2019

Dated: 31-01-2019

Test: Tension Test

Test Specification:

ASTM-A-615

Deformed

Gauge Length: 8 inch

Sample Type:

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	1.460	6	0.739	0.44	0.429	18.40	21.02	92230	94590	105360	108060	1.00	8.0	12.5	
2	1.500	6	0.749	0.44	0.441	18.60	21.83	93250	93040	109450	109200	1.10	8.0	13.8	
3	0.654	4	0.494	0.20	0.192	7.75	9.14	85430	88990	100830	105030	1.20	8.0	15.0	
4	0.653	4	0.494	0.20	0.192	7.29	9.60	80370	83720	105890	110300	1.00	8.0	12.5	
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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

Maj Adnan khalid®

Test Performed By:

Dr. /Engr. M Rizwan Riaz

Dy Dir MTL, Const. of 1-Kanal Villas at DRGCC Club House DHA Ph-6 (M/S Linker Developers Pvt. Ltd.)

Client Reference: 408/241/E/Lab/436/387

SOM Lab Ref: 227-156(Page-1/1)

Dated: 31-01-2019

Dated: 31-01-2019

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (Ittefaq 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	2.702	8	1.005	0.79	0.794	24.01	35.24	67020	66680	98380	97880	1.50	8.0	18.8	
2	2.706	8	1.006	0.79	0.795	23.92	35.34	66790	66370	98660	98040	1.60	8.0	20.0	
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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

Maj Adnan khalid®

Test Performed By:

Dr. /Engr.

M Yousaf

Dy Dir MTL, Const of House No. 105 - L, DHA Ph-VI - (M/S DHA C - Coy)

Client Reference: 408/241/E/Lab/433/69

SOM Lab

Ref:

228(Page-1/1)

Dated: 30-01-2019

Dated:

31-01-2019

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (Saeed Kasur)

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	1.469	6	0.742	0.44	0.432	12.08	19.90	60550	61670	99740	101590	0.90	8.0	11.3	
2	1.441	6	0.734	0.44	0.423	12.03	19.85	60290	62720	99480	103480	1.20	8.0	15.0	
3	0.654	4	0.494	0.20	0.192	5.96	9.25	65760	68500	101960	106200	1.00	8.0	12.5	
4	0.663	4	0.498	0.20	0.195	6.32	9.84	69700	71480	108480	111260	0.90	8.0	11.3	
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BEND TEST:

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

