

Sub Divisional officer,

Test Performed By: Dr. /Engr. Waseem Abbas

BSD No.15,Lhr.(Const of Bachelor Accommodation And Judicial Rest House at Dharampura)

Client Reference: 3463

SOM Lab

Ref: 2630 (Page-1/1)

Dated: 25-07-2023

Dated: 27-07-2023

Test: Tension Test & Bend Test  
inc

Test Specification:

ASTM-A-615

Gauge Length: 8 h

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 <sup>2</sup>	in <sup>2</sup>	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	2.654	8	0.997	0.79	0.780	21.87	35.29	61040	61830	98520	99790	1.40	8.00	17.5	
2	2.618	8	0.990	0.79	0.769	22.04	35.55	61530	63210	99230	101940	1.40	8.00	17.5	
3	1.513	6	0.753	0.44	0.445	13.53	18.62	67810	67040	93350	92300	1.30	8.00	16.3	
4	1.509	6	0.751	0.44	0.443	14.39	18.83	72150	71660	94370	93730	1.40	8.00	17.5	
5	0.674	4	0.502	0.20	0.198	6.12	8.58	67450	68130	94650	95610	1.30	8.00	16.3	
6	0.673	4	0.502	0.20	0.198	6.14	8.63	67670	68360	95210	96170	1.00	8.00	12.5	
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**BEND TEST:**

# 8	Sample bend through 180 degrees Satisfactorily without any crack	<b>Note:-  Only Nine Samples Received and Tested</b>
# 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](http://www.uet-civil.edu.pk)

Sub Divisional officer,

Test Performed By: Dr. /Engr. Waseem Abbas

BSD No.9,Lhr.(Const of Apartments 4th To 6th Storeyed For BS 18-19 Officers at Qurban Line)

Client Reference: 5312/9Th

SOM Lab

Ref: 2631 (Page-1/1)

Dated: 25-07-2023

Dated: 27-07-2023

Test: Tension Test & Bend Test  
inc

Test Specification:

ASTM-A-615

Gauge Length: 8 h

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 <sup>2</sup>	in <sup>2</sup>	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	2.636	8	0.993	0.79	0.775	26.47	37.36	73910	75340	104300	106320	1.50	8.0	18.8	
2	2.639	8	0.994	0.79	0.776	26.52	37.74	74050	75390	105350	107250	1.50	8.0	18.8	
3	1.513	6	0.753	0.44	0.445	15.36	19.83	77000	76140	99380	98260	1.40	8.0	17.5	
4	1.480	6	0.744	0.44	0.435	15.34	19.75	76900	77780	98970	100110	1.30	8.0	16.3	
5	0.671	4	0.501	0.20	0.197	7.31	9.38	80600	81830	103420	104990	1.20	8.0	15.0	
6	0.672	4	0.501	0.20	0.197	7.36	9.50	81160	82400	104770	106360	1.40	8.0	17.5	
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**BEND TEST:**

# 8	Sample bend through 180 degrees Satisfactorily without any crack	<b>Note:- Only Nine Samples Received and Tested</b>
# 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](http://www.uet-civil.edu.pk)

Enaara Developers Pvt Ltd.  
Lahore.

Test Performed By: Dr. /Engr. Waseem Abbas

Client Reference: Nil

SOM Lab

Ref: 2632 (Page-1/1)

Dated: 27-07-2023

Dated: 27-07-2023

Test: Tension Test & Bend Test  
inc

Test Specification:

ASTM-A-615

Gauge Length: 8 h

Sample Type:

Deformed Bar (Batala Premium)

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 <sup>2</sup>	in <sup>2</sup>	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	2.678	8	1.001	0.79	0.787	21.68	35.14	60530	60760	98100	98470	1.60	8.00	20.0	
2	2.668	8	0.999	0.79	0.784	22.09	35.29	61670	62140	98520	99280	1.30	8.00	16.3	
3	1.491	6	0.747	0.44	0.438	14.19	18.83	71130	71450	94370	94800	1.40	8.00	17.5	
4	1.482	6	0.745	0.44	0.436	14.29	18.71	71640	72290	93760	94620	1.30	8.00	16.3	
5	0.673	4	0.502	0.20	0.198	6.14	8.63	67670	68360	95210	96170	1.20	8.00	15.0	
6	0.680	4	0.505	0.20	0.200	6.17	8.66	68010	68010	95550	95550	1.20	8.00	15.0	
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**BEND TEST:**

# 8	Sample bend through 180 degrees Satisfactorily without any crack	<b>Note:-  Only Nine Samples Received and Tested</b>
# 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](http://www.uet-civil.edu.pk)

ESS-I-AAR Consultant,RE

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

DG Khan.(Rehb/Const Of Matalled Rd From Shero Chowk To Boys P/School Malkani Qalandar)

Client Reference: ADP 21-22/1008

SOM Lab

Ref: 2633 (Page-1/1)

Dated: 22-07-2023

Dated: 27-07-2023

Test: Tension Test & Bend Test  
inc

Test Specification:

ASTM-A-615

Gauge Length: 8 h

Sample Type:

Deformed Bar (Super Ahsaan 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 <sup>2</sup>	in <sup>2</sup>	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	2.62 2	8	0.99 1	0.7 9	0.77 1	24.11	33.51	67310	68960	93540	95850	1.3 0	8. 0	16. 3	
2	1.50 2	6	0.74 9	0.4 4	0.44 1	15.16	18.98	75980	75810	95140	94920	1.1 0	8. 0	13. 8	
3	0.66 6	4	0.50 0	0.2 0	0.19 6	5.83	8.22	64300	65610	90600	92450	1.0 0	8. 0	12. 5	
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**BEND TEST:**

# 8	Sample bend through 180 degrees Satisfactorily without any crack	<b>Note:-  Only Six Samples Received and Tested</b>
# 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](http://www.uet-civil.edu.pk)

Major Nadeem Ur Rehman ®

Test Performed By:

Dr. /Engr.

Rizwan Azam

RE ACE CSM.Multan.(Secretariat Office Building Multan & Allied Work)

SOM Lab

Client Reference: ACE/RE/CSM/2023/764

Ref: 2634 (Page-1/1)

Dated: 22-07-2023

Dated: 27-07-2023

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

inc

Deformed Bar (FF

Gauge Length: 8 h

Sample Type:

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 <sup>2</sup>	in <sup>2</sup>	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	1.493	6	0.748	0.44	0.439	14.29	19.30	71640	71800	96720	96940	1.30	8.0	16.3	
2	1.491	6	0.747	0.44	0.438	14.10	18.90	70670	70990	94730	95160	1.30	8.0	16.3	
3	0.672	4	0.501	0.20	0.197	6.30	8.80	69470	70530	97010	98490	1.30	8.0	16.3	
4	0.684	4	0.506	0.20	0.201	6.30	8.70	69470	69130	95890	95410	1.40	8.0	17.5	
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**BEND TEST:**

# 6	Sample bend through 180 degrees Satisfactorily without any crack	<b>Note:-  Only Six Samples Received and Tested</b>
# 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](http://www.uet-civil.edu.pk)