

Israr Ullah Khan

Test Performed By:

Dr. /Engr.

S.Asad Ali Gillani

RE Nespak.(Const. of underpass Across Bedian Rd. Connecting Ph-VI with Ph-IX,DHA LHR)

Client Reference: 3790/102/IUK/UET/01/45

Dated: 19-02-2022

SOM Lab Ref: CED/SOM/5994(Page-1/1)

Dated: 04-03-2022

Test: Tension Test

Test Specification: ASTM-F-1554

Sample Type: Anchor Bolt

Gauge Length: 200 mm

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)				
	kg/m	mm	mm	mm ²	mm ²	kN	kN	MPa	MPa	MPa	MPa	mm	mm	%	
1	4.020	25	25.53	491	512	218.70	335.20	446	428	683	655	35.0	200	17.5	
2	4.010	25	25.50	491	511	181.70	276.20	370	356	563	541	55.0	200	27.5	
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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

Director P & D

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

King Edward Medical University Lhr.(Const Of Masjid Adjacent To Quaid-E-Azam Block At KEMU,Lhr)

Client Reference: P&D/KEMU 137-39

SOM Lab

Ref: 6003 (Page-1/1)

Dated: 02-03-2022

Dated: 07-03-2022

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	1.657	6	0.787	0.44	0.487	16.08	19.11	80580	72800	95800	86560	1.40	8.0	17.5	
2	0.658	4	0.496	0.20	0.193	6.34	8.00	69920	72460	88240	91440	1.10	8.0	13.8	
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BEND TEST:

# 6	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

Wasif Manzoor
Salman Developers.Lahore.(Park House Appartment)

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

Client Reference: Nil

SOM Lab

Ref: 6004 (Page-1/1)

Dated: 07-03-2022

Dated: 07-03-2021

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	0.671	4	0.501	0.20	0.197	6.12	8.48	67450	68470	93530	94950	1.00	8.0	12.5	
2	0.679	4	0.505	0.20	0.200	6.01	8.36	66320	66320	92180	92180	0.90	8.0	11.3	
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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

Lt Col. Rashid Ahmad ®

Test Performed By:

Dr. /Engr.

S. Asad Ali
Gillani

Engr. InCharge Jamia Tul Mustafa.(Const.Of Madrassa Hostel Building Knowledge City Lahore)

Client Reference: JMT/Lab/10

SOM Lab

Ref: 6005 (Page-1/1)

Dated: 07-03-2022

Dated:

07-03-2022

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	2.625	8	0.991	0.79	0.771	27.73	35.68	77410	79320	99600	102060	1.20	8.0	15.0	
2	1.487	6	0.746	0.44	0.437	13.71	18.73	68730	69200	93860	94510	1.20	8.0	15.0	
3	0.660	4	0.497	0.20	0.194	6.37	8.23	70260	72430	90720	93520	1.20	8.0	15.0	
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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

Assistant Director(Q),S Sub Div

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

WASA Multan.(Swerage Scheme For Ali Town,Basti Masoom Shah & Adjacent Area WASA Multan)

Client Reference: 04/AD(Q)/WASA

SOM Lab

Ref: 6006 (Page-1/1)

Dated: 15-01-2022

Dated: 07-03-2022

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	0.627	4	0.484	0.20	0.184	5.96	9.50	65760	71480	104770	113880	1.10	8.0	13.8	
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BEND TEST:

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

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

Yasir Javed

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

Office Manager Petrocon Pvt Ltd.(Small Genset Installation At Shershah Terminal)

Client Reference: 100/UET-P312/TEST

SOM Lab

Ref: 6007 (Page-1/2)

Dated: 05-03-2022

Dated: 07-03-2022

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type: Deformed Bar (Amreli 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	0.656	4	0.496	0.20	0.193	7.72	9.23	85100	88180	101730	105420	1.00	8.0	12.5	
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BEND TEST:

--	No Bend test performed	Note:- Only One Sample Received and Tested

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

Yasir Javed

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

Office Manager Petrocon Pvt Ltd.(LSR Structure At Shell Pakistan Tarujabba Terminal)

Client Reference: 100/UET-P313/TEST

SOM Lab

Ref: 6007 (Page-2/2)

Dated: 05-03-2022

Dated: 07-03-2022

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type: Deformed Bar (Amreli 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	1.073	5	0.633	0.31	0.315	11.08	13.91	78830	77580	98990	97420	1.30	8.0	16.3	
2	0.669	4	0.501	0.20	0.197	7.72	9.12	85100	86390	100610	102140	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

Engr. Mian Mubashar Rafiq

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

PM Union Developers Lhr.(const. Of Union Luxury Apartments,Etihad Town Lahore.)

Client Reference: UA/SO/2022/016

SOM Lab

Ref:

6008 (Page-1/1)

Dated: 02-02-2022

Dated:

07-03-2022

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (Afco 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	1.565	6	0.765	0.44	0.460	16.94	21.43	84920	81230	107400	102730	1.20	8.0	15.0	
2	1.562	6	0.764	0.44	0.459	17.13	21.58	85840	82290	108170	103690	1.20	8.0	15.0	
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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

Muhammad Hassan
PE Great City Sheikhpura.

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

Client Reference: GC/SRB/006/2022
Dated: 07-03-2022
Test: Tension Test & Bend Test
Gauge Length: 8 inch

SOM Lab
Ref: 6009 (Page-1/1)
Dated: 07-03-2022
ASTM-A-615
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	14.37	19.88	72050	72870	99640	100780	1.20	8.0	15.0	
2	1.482	6	0.745	0.44	0.436	14.70	19.88	73680	74360	99640	100550	1.20	8.0	15.0	
3	0.700	4	0.512	0.20	0.206	6.54	8.77	72170	70070	96670	93860	1.30	8.0	16.3	
4	0.698	4	0.511	0.20	0.205	6.65	8.92	73290	71510	98360	95960	1.30	8.0	16.3	
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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

Asif Pervaiz Butt
 RE AYQ Developers Pvt. Ltd.(Union Copmlex)

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

Client Reference: Nil

SOM Lab

Ref: 6010 (Page-1/2)

Dated: 07-03-2022

Dated: 07-03-2022

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (AF 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	0.606	4	0.476	0.20	0.178	5.76	8.43	63510	71360	92960	104450	1.00	8.0	12.5	
2	0.610	4	0.477	0.20	0.179	5.78	8.31	63740	71220	91610	102360	1.10	8.0	13.8	
3	0.603	4	0.475	0.20	0.177	5.96	7.95	65760	74310	87680	99070	1.10	8.0	13.8	
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BEND TEST:

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

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

Asif Pervaiz Butt
 RE AYQ Developers Pvt. Ltd.(Union Copmlex)

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

Client Reference: Nil

SOM Lab

Ref: 6010 (Page-2/2)

Dated: 07-03-2022

Dated: 07-03-2022

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (AF 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	2.549	8	0.977	0.79	0.749	23.72	33.97	66220	69850	94820	100010	1.20	8.0	15.0	
2	2.513	8	0.970	0.79	0.739	21.99	33.46	61390	65620	93400	99850	1.00	8.0	12.5	
3	2.614	8	0.989	0.79	0.768	23.24	32.52	64890	66750	90780	93380	1.40	8.0	17.5	
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BEND TEST:

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

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

Engr. Faizan Hussain

Test Performed By:

Dr. /Engr. Nauman Khurram

AE B & W Department.UET Lahore.(Const.Site Of Girls Hostel For 300 Students In UET Lahore)

Client Reference: B&W/AEN/3156

SOM Lab

Ref: 6011(Page-1/1)

Dated: 02-03-2022

Dated: 07-03-2022

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (AF 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	1.045	5	0.625	0.31	0.307	9.43	12.97	67090	67740	92250	93150	1.30	8.0	16.3	
2	1.042	5	0.624	0.31	0.306	9.45	13.05	67230	68110	92830	94040	1.40	8.0	17.5	
3	0.631	4	0.485	0.20	0.185	6.83	8.23	75320	81420	90720	98070	1.10	8.0	13.8	
4	0.627	4	0.484	0.20	0.184	6.90	8.18	76100	82720	90150	97990	1.00	8.0	12.5	
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BEND TEST:

# 5	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

Maj Adnan Khalid (R)

Test Performed By:

Dr. /Engr.

S. Asad Ali
Gillani

Dy Dir MTL DHA Lahore,(Extn Of Coffee Lounge,kitchen & Wash Rooms At J Club DHA Ph-1)

SOM Lab

Client Reference: 408/241/32/Lab/64/05

Ref: 6012 (Page-1/1)

Dated: 07-03-2022

Dated: 07-03-2022

Test: Tension Test & Bend Test

Test Specification:

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	0.638	4	0.488	0.20	0.187	6.19	8.31	68230	72980	91610	97980	1.20	8.0	15.0	
2	0.642	4	0.491	0.20	0.189	6.19	8.26	68230	72210	91050	96350	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

Engr. Zia Ul Hassan Khan

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

Dev.Consultancy Services.(Const. Of 2Nos Academic Blocks At Chiniot Campus Of GCU Fsd.)

Client Reference: DCS/RE/UET/GCUF/2022/038

SOM Lab

Ref: 6013 (Page-1/1)

Dated: 02-03-2022

Dated: 07-03-2022

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	1.501	6	0.749	0.44	0.441	14.95	21.12	74960	74790	105870	105630	1.20	8.0	15.0	
2	1.488	6	0.746	0.44	0.437	14.88	21.02	74600	75110	105360	106080	1.10	8.0	13.8	
3	0.663	4	0.498	0.20	0.195	6.78	8.99	74750	76670	99150	101690	1.20	8.0	15.0	
4	0.666	4	0.500	0.20	0.196	6.75	8.99	74420	75940	99150	101170	1.10	8.0	13.8	
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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

Engr. Mustafa Ali

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

Sr.Manager Coordination.Dream Builders.(Const. Of Apartments Building At32-P, Model Town Ext,Lhr)

Client Reference: DB/Const-32P/22/307

SOM Lab

Ref: 6014 (Page-1/1)

Dated: 07-03-2022

Dated: 07-03-2022

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	27.90	34.15	77890	79190	95340	96930	1.50	8.0	18.8	
2	2.626	8	0.991	0.79	0.772	28.54	34.71	79680	81540	96900	99160	1.20	8.0	15.0	
3	1.486	6	0.746	0.44	0.437	15.31	19.32	76750	77270	96830	97490	1.20	8.0	15.0	
4	1.488	6	0.746	0.44	0.437	14.90	19.03	74700	75220	95400	96050	1.00	8.0	12.5	
5	0.664	4	0.498	0.20	0.195	7.08	8.74	78130	80130	96340	98810	1.00	8.0	12.5	
6	0.660	4	0.497	0.20	0.194	6.75	8.66	74420	76720	95550	98500	1.00	8.0	12.5	
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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

Premier Developer & Builders

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

Procurement Manager .(Lyallpur Galleria-II Near Four Season Colony Samundri Road,FSD)

Client Reference: LG-II/012

SOM Lab

Ref: 6015 (Page-1/1)

Dated: 04-03-2022

Dated: 07-03-2022

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	2.596	8	0.986	0.79	0.763	26.25	36.19	73280	75870	101030	104600	1.20	8.0	15.0	
2	0.664	4	0.498	0.20	0.195	6.32	8.51	69700	71480	93860	96270	1.30	8.0	16.3	
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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