

Naveed Ahmad
Asst Dir Lab DHA Bahawalpur Cantonment.

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

Client Reference: 110/QC/MTL
Dated: 19-05-2023
Test: Tension Test & Bend Test
Gauge Length: 8 inch

SOM Lab
Ref: 2223 (Page-1/1)
Dated: 22-05-2023
Test Specification: ASTM-A-615
Sample Type: Deformed Bar (Ittehad 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	1.489	6	0.747	0.44	0.438	15.11	18.45	75720	76070	92480	92910	1.00	8.0	12.5	
2	0.673	4	0.502	0.20	0.198	5.47	8.15	60370	60980	89930	90840	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

Muhammad Afzal

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

Engg & Const.(Const. Of Proposed Commercial Building Sundar Industrial State Plot # 12)

Client Reference: ABL-LHR-AMC-03

SOM Lab

Ref: 2224 (Page-1/1)

Dated: 22-05-2023

Dated: 22-05-2023

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	1.638	6	0.783	0.44	0.481	18.30	21.94	91720	83900	109960	100580	1.30	8.0	16.3	
2	1.643	6	0.784	0.44	0.483	18.25	21.87	91460	83320	109600	99840	1.30	8.0	16.3	
3	0.597	4	0.472	0.20	0.175	6.52	7.70	71940	82220	84870	96990	1.00	8.0	12.5	
4	0.597	4	0.472	0.20	0.175	6.42	7.59	70820	80940	83750	95710	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
# 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

Quality Construction Company
Lahore.(Sunridge Foods Pvt III Sharqpur Road Lahore)

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

Client Reference: Nil

Dated: 22-05-2023

Test: Tension Test & Bend Test

Gauge Length: 8 inch

Test Specification:

Sample Type:

SOM Lab

Ref: 2225 (Page-1/1)

Dated: 22-05-2023

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	1.034	5	0.622	0.31	0.304	10.88	13.78	77380	78910	98050	99990	1.00	8.0	12.5	
2	1.031	5	0.621	0.31	0.303	10.86	13.73	77240	79020	97690	99940	1.00	8.0	12.5	
3	0.656	4	0.496	0.20	0.193	6.73	8.77	74190	76880	96670	100180	0.90	8.0	11.3	
4	0.658	4	0.496	0.20	0.193	6.63	8.77	73070	75720	96670	100180	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

New Metro City

Housing Scheme Manager QA/QC Mandi Bahauddin.(A Project Of BSM Developers)

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

Client Reference: NMC/MBD/32

Dated: 17-05-2023

Test: Tension Test & Bend Test

Gauge Length: 8 inch

Test Specification:

Sample Type:

SOM Lab

Ref: 2226 (Page-1/1)

Dated: 22-05-2023

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	2.536	8	0.974	0.79	0.745	26.10	32.90	72850	77250	91840	97380	1.50	8.0	18.8	Malik
2	2.537	8	0.975	0.79	0.746	26.10	32.87	72850	77150	91780	97190	1.30	8.0	16.3	Malik
3	1.469	6	0.742	0.44	0.432	12.03	19.80	60290	61410	99230	101060	1.20	8.0	15.0	Malik
4	1.470	6	0.742	0.44	0.432	12.44	19.95	62340	63490	99990	101850	1.30	8.0	16.3	Malik
5	0.693	4	0.510	0.20	0.204	6.98	8.97	77000	75490	98920	96980	1.40	8.0	17.5	SJ
6	0.690	4	0.508	0.20	0.203	6.88	8.84	75880	74760	97460	96020	1.20	8.0	15.0	SJ
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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

Baig Constuction Co.
Lahore.(Jinnah Square Mall Khayaban-e-Jinnah Road Lahore)

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

Client Reference: 22052023BCC

Dated: 22-05-2023

Test: Tension Test & Bend Test

Gauge Length: 8 inch

Test Specification:

Sample Type:

SOM Lab

Ref: 2227 (Page-1/1)

Dated: 22-05-2023

ASTM-A-615

Deformed Bar (Model 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	2.680	8	1.002	0.79	0.788	27.22	35.17	75980	76180	98180	98430	1.20	8.0	15.0	
2	2.712	8	1.007	0.79	0.797	26.93	34.93	75190	74530	97530	96670	1.00	8.0	12.5	
3	1.458	6	0.738	0.44	0.428	14.14	17.86	70870	72860	89520	92030	1.20	8.0	15.0	
4	1.459	6	0.739	0.44	0.429	14.68	18.30	73580	75470	91720	94070	1.10	8.0	13.8	
5	0.685	4	0.506	0.20	0.201	7.36	9.09	81160	80760	100270	99770	1.20	8.0	15.0	
6	0.647	4	0.492	0.20	0.190	6.44	8.12	71040	74780	89590	94310	1.20	8.0	15.0	
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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

Muhammad Ali

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

MAQ Construction Lahore.(O.H.W Tank Luxorion Garden Muridkey)

Client Reference: Nil

SOM Lab

Ref:

2228 (Page-1/1)

Dated: 22-05-2023

Dated:

22-05-2023

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	1.382	6	0.719	0.44	0.406	9.04	13.56	45320	49120	67960	73650	1.10	8.0	13.8	
2	1.377	6	0.718	0.44	0.405	9.07	13.63	45480	49410	68320	74220	1.10	8.0	13.8	
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Witnessed By: Saqlain Raza Burkhari

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

Muhammad Ahsan Ali,RE

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

Nespak Lahore.(Infra Dev at Chahar Bagh Under Ravi Riverfront Urban Development project)

Client Reference: 4490/13/MAA/09/088

SOM Lab

Ref: 2229 (Page-1/1)

Dated: 16-05-2023

Dated: 22-05-2023

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type: Deformed Bar (Mughal 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	1.480	6	0.744	0.44	0.435	14.44	18.32	72400	73240	91820	92870	1.00	8.0	12.5	
2	1.033	5	0.622	0.31	0.304	10.47	12.95	74480	75950	92100	93920	1.10	8.0	13.8	
3	0.652	4	0.494	0.20	0.192	6.73	8.53	74190	77280	94090	98010	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

Innovative ® Const. Company

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

Lahore.(Construction Of ABL,Branch at Fazaia Housing Society Raiwind Rd Lahore)

Client Reference: ICL/ABL/FH/0523/07

SOM Lab

Ref: 2230 (Page-1/1)

Dated: 19-05-2023

Dated: 22-05-2023

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	14.53	18.22	72810	73990	91310	92780	1.50	8.0	18.8	
2	1.466	6	0.741	0.44	0.431	14.42	18.09	72300	73810	90690	92590	1.30	8.0	16.3	
3	1.020	5	0.618	0.31	0.300	10.45	13.10	74340	76810	93190	96300	1.30	8.0	16.3	
4	1.008	5	0.614	0.31	0.296	10.52	13.20	74840	78380	93920	98360	1.30	8.0	16.3	
5	0.659	4	0.497	0.20	0.194	6.65	8.56	73290	75560	94420	97340	1.00	8.0	12.5	
6	0.664	4	0.498	0.20	0.195	6.88	8.92	75880	77820	98360	100880	1.20	8.0	15.0	
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BEND TEST:

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

Innovative ® Const. Company

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

Lahore.(Construction Of Smart Vision Electric Rachna Industrial Park,Sheikhpura)

Client Reference: ICL/SEV-SKP/0523/02

SOM Lab

Ref:

2231 (Page-1/1)

Dated: 19-05-2023

Dated:

22-05-2023

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	2.555	8	0.978	0.79	0.751	26.55	36.62	74140	77980	102220	107530	1.40	8.0	17.5	
2	1.526	6	0.755	0.44	0.448	16.11	21.73	80730	79290	108940	106990	1.30	8.0	16.3	
3	0.672	4	0.501	0.20	0.197	6.42	8.99	70820	71900	99150	100660	1.30	8.0	16.3	
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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

Malik Munawer

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

PM BSM Developers Gujar Khan.(Const. Of 5M Vilas, New Metrocity Gujar Khan Rwp)

Client Reference: NMC/119/2023

SOM Lab

Ref: 2232 (Page-1/1)

Dated: 17-05-2023

Dated: 22-05-2023

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type: Deformed Bar (Malik 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	0.646	4	0.492	0.20	0.190	5.78	8.63	63740	67090	95210	100220	1.20	8.0	15.0	
2	0.652	4	0.494	0.20	0.192	5.86	8.74	64640	67330	96340	100350	1.00	8.0	12.5	
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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

Muhammad Akhtar Brigadier ®
 PD New Metro City Housing Scheme, Kharian-Sara-I-Alamgir

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

Client Reference: PD/NMC/23/78

Dated: 20-05-2023

Test: Tension Test & Bend Test

Gauge Length: 8 inch

Test Specification:

Sample Type:

SOM Lab

Ref: 2233 (Page-1/1)

Dated: 22-05-2023

ASTM-A-615

Deformed Bar (Malik 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	0.651	4	0.493	0.20	0.191	5.61	8.66	61830	64740	95550	100050	1.00	8.0	12.5	
2	0.646	4	0.492	0.20	0.190	5.68	8.69	62610	65910	95770	100810	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

Syed Mohsin Ali RE

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

QA/QC Deptt. Bahria Town Lhr. (Muhammad Ali Jinnah Masjid Block D Bahria Orchard)

Client Reference: QA/QC/Steel-3172

SOM Lab

Ref: 2234 (Page-1/1)

Dated: 22-05-2023

Dated: 22-05-2023

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	2.617	8	0.990	0.79	0.769	23.62	33.03	65940	67740	92210	94720	1.20	8.0	15.0	
2	2.623	8	0.991	0.79	0.771	24.13	33.35	67360	69020	93120	95410	1.20	8.0	15.0	
3	1.496	6	0.748	0.44	0.440	14.60	18.76	73170	73170	94020	94020	1.00	8.0	12.5	
4	1.472	6	0.743	0.44	0.433	13.99	18.34	70100	71240	91920	93410	1.00	8.0	12.5	
5	0.665	4	0.498	0.20	0.195	6.19	8.66	68230	69980	95550	98000	1.00	8.0	12.5	
6	0.661	4	0.497	0.20	0.194	6.09	8.58	67110	69190	94650	97580	1.20	8.0	15.0	
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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

Syed Mohsin Ali RE

Test Performed By:

Dr. /Engr. Asad Ali Gillani

QA/QC Deptt. Bahria Town Lhr. (O.H.W.T at Block D Ext. Bahria Orchard)

Client Reference: QA/QC/Steel-3173

SOM Lab

Ref:

2235(Page-1/1)

Dated: 22-05-2023

Dated:

22-05-2023

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	2.661	8	0.998	0.79	0.782	24.97	34.61	69720	70440	96620	97600	1.20	8.0	15.0	
2	2.653	8	0.997	0.79	0.780	24.82	34.73	69300	70190	96960	98200	1.50	8.0	18.8	
3	1.482	6	0.745	0.44	0.436	14.50	19.03	72660	73330	95400	96270	1.20	8.0	15.0	
4	1.538	6	0.759	0.44	0.452	15.19	19.83	76130	74110	99380	96740	1.20	8.0	15.0	
5	0.670	4	0.501	0.20	0.197	6.44	8.72	71040	72130	96110	97570	0.90	8.0	11.3	
6	0.672	4	0.501	0.20	0.197	6.29	8.66	69360	70410	95550	97000	1.10	8.0	13.8	
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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

Engr.Asad Rashid Choudhary,P.E

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

Speed Const.Management.(New Building at Plot No 25,Khayaban-e-Kheruddin Housing Scheme Lhr)

Client Reference: SCM-2038-01-23

SOM Lab

Ref: 2236 (Page-1/1)

Dated: 22-05-2023

Dated: 22-05-2023

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	1.539	6	0.759	0.44	0.452	14.78	18.98	74090	72120	95140	92610	1.20	8.0	15.0	
2	1.506	6	0.751	0.44	0.443	14.55	18.83	72910	72420	94370	93730	1.40	8.0	17.5	
3	0.670	4	0.501	0.20	0.197	6.42	8.79	70820	71900	96900	98370	1.00	8.0	12.5	
4	0.667	4	0.500	0.20	0.196	6.44	8.87	71040	72490	97800	99790	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