Niaz Muhammad **Test Performed By:** **Dr. /Engr.** Asad Ali Gillani

ME ACC Pvt Ltd.(NHA).(Kot Pindi Dass Interchange Motorway M-2 Sheikhupura)

Client Reference: ME/ACC/NHA/06 **SOM Lab Ref:** 310 (Page-1/1)

Dated: 03-11-2024 **Dated:** 04-12-2024

Test: Tension Test **Test Specification:** ASTM-A-615

Guage Length: 200 mm **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)				
	kg/m	mm	mm	mm^2	mm^2	kN	kN	MPa	MPa	MPa	MPa	mm	mm	%	
1	3.919	25	25.21	491	499	244.50	372.50	498	490	759	747	37.5	200	18.8	
2	3.921	25	25.22	491	500	237.80	372.20	484	477	758	746	32.5	200	16.3	
3	1.966	20	17.86	314	250	97.00	147.00	309	388	468	588	30.0	200	15.0	
4	1.974	20	17.89	314	251	97.20	147.20	310	387	469	586	30.0	200	15.0	
5	0.824	12	11.56	113	105	46.70	64.20	413	446	568	612	27.5	200	13.8	
6	0.824	12	11.56	113	105	48.20	67.50	427	460	597	643	30.0	200	15.0	
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BEND TEST:

25mm	Sample bend through 180 degrees Satisfactorily without any crack
20mm	Sample bend through 180 degrees Satisfactorily without any crack
12mm	Sample bend through 180 degrees Satisfactorily without any crack

Note:-

Only Nine Samples Received and Tested

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

Muhammad Arfan Asif **Test Performed By:** **Dr. /Engr.** Asad Ali Gillani

ER NESPAK Lhr.(Const Of Green Building for EMC,EPD and Allied` New Entities Estb Under PGDP)

Client Reference: 4731/MAA/03/120 **SOM Lab Ref:** 299 (P-1/1)

Dated: 02-12-2024 **Dated:** 04-12-2024

Test: Tension Test & Bend Test **Test Specification:** ASTM-A-615

Gauge Length: 8 inch **Sample Type:** Deformed Bar (Markhor 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	2.609	8	0.988	0.79	0.767	21.73	32.42	60670	62490	90500	93210	1.30	8.0	16.3	
2	2.625	8	0.991	0.79	0.771	21.92	33.54	61190	62690	93630	95940	1.30	8.0	16.3	
3	1.480	6	0.744	0.44	0.435	14.80	19.90	74190	75040	99740	100880	1.20	8.0	15.0	
4	1.470	6	0.742	0.44	0.432	14.90	19.95	74700	76090	99990	101850	1.30	8.0	16.3	
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BEND TEST:

# 8	Sample bend through 180 degrees Satisfactorily without any crack
# 6	Sample bend through 180 degrees Satisfactorily without any crack

Note:-

Only Six Samples Received and Tested

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

Resident Engineer **Test Performed By:** **Dr. /Engr.** Nauman Khurram

Al-Imam Enterprises.(Const Of Zonal Office Building of Bank Al Habib Ltd.Main Boulevard Gulberg,Lhr)

Client Reference: ALM/BAHL/0412/1204 **SOM Lab Ref:** 300 (Page-1/3)

Dated: 04-12-2024 **Dated:** 04-12-2024

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	1.642	7	0.784	0.60	0.483	15.04	20.18	55270	68660	74190	92160	1.30	8.0	16.3	
2	1.631	7	0.781	0.60	0.479	14.98	20.23	55080	69000	74380	93170	1.50	8.0	18.8	
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BEND TEST:

# 7	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

Resident Engineer **Test Performed By:** **Dr. /Engr.** Nauman Khurram

Al-Imam Enterprises.(Const Of Zonal Office Building of Bank Al Habib Ltd.Main Boulevard Gulberg,Lhr)

Client Reference: ALM/BAHL/0412/1204 **SOM Lab Ref:** 300 (Page-2/3)

Dated: 04-12-2024 **Dated:** 04-12-2024

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	2.569	8	0.980	0.79	0.755	25.03	33.18	69870	73110	92630	96930	1.40	8.0	17.5	
2	2.631	8	0.992	0.79	0.773	26.10	34.30	72850	74460	95760	97870	1.30	8.0	16.3	
3	2.619	8	0.990	0.79	0.770	26.17	34.32	73050	74950	95820	98310	1.50	8.0	18.8	
4	2.583	8	0.983	0.79	0.759	25.43	33.71	71000	73900	94110	97960	1.60	8.0	20.0	
5	2.583	8	0.983	0.79	0.759	25.18	33.40	70290	73160	93260	97070	1.50	8.0	18.8	
6	2.627	8	0.991	0.79	0.772	25.48	33.84	71150	72810	94480	96680	1.50	8.0	18.8	
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BEND TEST:

# 8	Sample bend through 180 degrees Satisfactorily without any crack
# 8	Sample bend through 180 degrees Satisfactorily without any crack
# 8	Sample bend through 180 degrees Satisfactorily without any crack

Note:-

Only Nine Samples Received and Tested

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

Resident Engineer **Test Performed By:** **Dr. /Engr.** Nauman Khurram

Al-Imam Enterprises.(Const Of Zonal Office Building of Bank Al Habib Ltd.Main Boulevard Gulberg,Lhr)

Client Reference: ALM/BAHL/0412/1204 **SOM Lab Ref:** 300 (Page-3/3)

Dated: 04-12-2024 **Dated:** 04-12-2024

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	0.662	4	0.498	0.20	0.195	6.80	8.94	74980	76900	98580	101110	1.00	8.0	12.5	
2	0.659	4	0.497	0.20	0.194	6.93	8.99	76440	78800	99150	102210	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

Muhammad Moeed Azhar **Test Performed By:** **Dr. /Engr.** Nauman Khurram
SDO,BSD Punjab Assembly ,Lahore.(Press Breifing Hall at Provincial Assembly of the Punjab)

SOM Lab
Client Reference: 1272 **Ref:** 301 (Page-1/1)
Dated: 02-12-2024 **Dated:** 04-12-2024

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	1.067	5	0.632	0.31	0.314	11.34	14.39	80650	79620	102400	101100	1.20	8.0	15.0	
2	0.659	4	0.497	0.20	0.194	6.83	8.53	75320	77650	94090	97000	1.10	8.0	13.8	
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BEND TEST:

# 5	Sample bend through 180 degrees Satisfactorily without any crack
# 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

Allied Bank **Test Performed By:** **Dr. /Engr.** Asad Ali Gillani

Head Const. Site ABL-UML P-199&200.(Const Of ABL Upper Mall Lahore Plot No 199,200)

Client Reference: ABL-UML-AMC-QAQC-100 **SOM Lab Ref:** 302 (Page-1/1)

Dated: 03-12-2024 **Dated:** 04-12-2024

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	2.623	8	0.991	0.79	0.771	27.00	36.09	75390	77240	100740	103220	1.20	8.0	15.0	
2	2.656	8	0.997	0.79	0.781	25.28	34.05	70580	71390	95050	96150	1.40	8.0	17.5	
3	1.495	6	0.748	0.44	0.439	14.42	19.49	72300	72470	97690	97920	1.20	8.0	15.0	
4	1.505	6	0.750	0.44	0.442	14.60	20.13	73170	72840	100910	100460	1.20	8.0	15.0	
5	1.048	5	0.626	0.31	0.308	10.88	13.83	77380	77890	98410	99050	1.40	8.0	17.5	
6	1.048	5	0.626	0.31	0.308	10.67	13.78	75930	76430	98050	98690	1.40	8.0	17.5	
7	0.670	4	0.501	0.20	0.197	6.70	8.84	73850	74980	97460	98940	1.10	8.0	13.8	
8	0.668	4	0.500	0.20	0.196	6.70	8.84	73850	75360	97460	99450	1.10	8.0	13.8	
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BEND TEST:

# 8	Sample bend through 180 degrees Satisfactorily without any crack
# 6	Sample bend through 180 degrees Satisfactorily without any crack
# 5	Sample bend through 180 degrees Satisfactorily without any crack
# 4	Sample bend through 180 degrees Satisfactorily without any crack

Note:-

Only Twelve Samples Received and Tested

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

Sub Divisional officer, **Test Performed By:** **Dr. /Engr.** Nauman Khurram

BSD No.12 Lahore.(Revamping of Old Blocks of Punjab Institute of Mental Health Lahore)

Client Reference: 631 **SOM Lab Ref:** 303 (Page-1/1)

Dated: 30-11-2024 **Dated:** 04-12-2024

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	1.490	6	0.747	0.44	0.438	14.95	19.64	74960	75300	98460	98910	1.20	8.0	15.0	
2	1.505	6	0.750	0.44	0.442	14.80	19.39	74190	73860	97180	96740	1.10	8.0	13.8	
3	0.655	4	0.494	0.20	0.192	6.34	8.56	69920	72830	94420	98360	1.20	8.0	15.0	
4	0.655	4	0.494	0.20	0.192	6.32	8.51	69700	72600	93860	97770	1.20	8.0	15.0	
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BEND TEST:

# 6	Sample bend through 180 degrees Satisfactorily without any crack
# 4	Sample bend through 180 degrees Satisfactorily without any crack

Note:-

Only Six Samples Received and Tested

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

M.Waseem Azhar **Test Performed By:** **Dr. /Engr.** Nauman Khurram

Asstt Director-I (QCD) WASA,LDA,Lhr.(M/S. Allah Hoo Yasir Pipe Factory)

Client Reference: QCD/2424 **SOM Lab Ref:** 304 (Page-1/1)

Dated: 03-12-2024 **Dated:** 04-12-2024

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	0.661	4	0.497	0.20	0.194	6.47	8.41	71380	73590	92740	95610	1.40	8.0	17.5	
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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

Sub Divisional officer, **Test Performed By:** **Dr. /Engr.** Asad Ali Gillani

BSD Bhakkar.(Revamping Of 552 BHU`s of North and Central Punjab Distt Bhakkar) (Phase-I)

Client Reference: 836/BKR **SOM Lab Ref:** 305(Page-1/2)

Dated: 19-10-2024 **Dated:** 04-12-2024

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	1.506	6	0.751	0.44	0.443	13.99	20.44	70100	69630	102450	101750	1.20	8.0	15.0	
2	1.500	6	0.749	0.44	0.441	13.48	19.90	67550	67400	99740	99510	1.10	8.0	13.8	
3	0.666	4	0.500	0.20	0.196	6.65	8.87	73290	74790	97800	99790	0.90	8.0	11.3	
4	0.669	4	0.501	0.20	0.197	6.44	8.87	71040	72130	97800	99290	0.90	8.0	11.3	
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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

Sub Divisional officer, **Test Performed By:** **Dr. /Engr.** Asad Ali Gillani

BSD Mankera.(Revamping Of 552 BHU`s of North and Central Punjab One ar BHU Chak No.67)

Client Reference: 264 **SOM Lab Ref:** 305(Page-2/2)

Dated: 10-11-2024 **Dated:** 04-12-2024

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	1.507	6	0.751	0.44	0.443	14.32	19.32	71790	71300	96830	96170	1.30	8.0	16.3	
2	1.511	6	0.752	0.44	0.444	14.50	19.44	72660	72000	97440	96560	1.30	8.0	16.3	
3	0.680	4	0.505	0.20	0.200	6.83	9.09	75320	75320	100270	100270	1.00	8.0	12.5	
4	0.675	4	0.502	0.20	0.198	6.70	9.09	73850	74600	100270	101280	1.10	8.0	13.8	
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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

M.Yasir Kiani, RE **Test Performed By:** **Dr. /Engr.** Asad Ali Gillani

JCP Wahga NESPAK. (Expension Of Joint Check Post Wahga, Lahore)

Client Reference: 4749/031/YK/01/102 **SOM Lab Ref:** 306 (Page-1/1)

Dated: 04-12-2024 **Dated:** 04-12-2024

Test: Tension Test **Test Specification:** ASTM-A-615

Gauge Length: 8 inch **Sample Type:** Deformed Bar (Aziz 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	2.665	8	0.998	0.79	0.783	21.87	33.91	61040	61590	94680	95530	1.20	8.0	15.0	
2	2.663	8	0.998	0.79	0.783	21.89	33.54	61100	61650	93630	94460	1.40	8.0	17.5	
3	1.498	6	0.748	0.44	0.440	12.84	19.95	64380	64380	99990	99990	1.70	8.0	21.3	
4	1.496	6	0.748	0.44	0.440	12.97	19.80	65000	65000	99230	99230	1.40	8.0	17.5	
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BEND TEST:

# 8	Sample bend through 180 degrees Satisfactorily without any crack
# 6	Sample bend through 180 degrees Satisfactorily without any crack

Note:-

Only Six Samples Received and Tested

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

Sohaib Awais, RE

NESPAK Lhr.(Infra Development at Chahar Bagh Phase-II)

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

Client Reference: 4841/13/SA/05/09

Dated: 03-12-2024

SOM Lab Ref: 307 (Page-1/1)

Dated: 04-12-2024

Test: Tension 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	0.663	4	0.498	0.20	0.195	6.75	8.61	74420	76320	94990	97420	1.30	8.0	16.3	A-2713
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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

Muhammad Ahsan Ali **Test Performed By:** **Dr. /Engr.** Asad Ali Gillani

RE NESPAK Lhr.(Infra Development at Chahar Bagh Under Ravi River Front urban Dev. Project)

Client Reference: 4559/13/MAA/09/472 **SOM Lab Ref:** 308 (Page-1/1)

Dated: 03-12-2024 **Dated:** 04-12-2024

Test: Tension 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	0.670	4	0.501	0.20	0.197	7.10	9.33	78350	79540	102860	104420	1.00	8.0	12.5	C-2295
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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

Muhammad Imran **Test Performed By:** **Dr. /Engr.** Asad Ali Gillani

Snr PM IDAP Lahore.(Project Site MIR # NSICTR-C/STR/CCS/04.3.)

Client Reference: PD(NSICTR)/PACKAGE-C/2024/20886 **SOM Lab Ref:** 309 (Page-1/1)

Dated: 28-11-2024 **Dated:** 04-12-2024

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	2.665	8	0.998	0.79	0.783	25.56	35.07	71350	71980	97900	98770	1.30	8.0	16.3	
2	2.663	8	0.998	0.79	0.783	25.74	35.42	71860	72500	98890	99780	1.30	8.0	16.3	
3	1.500	6	0.749	0.44	0.441	12.64	18.62	63360	63220	93350	93140	1.20	8.0	15.0	
4	1.488	6	0.746	0.44	0.437	12.59	18.50	63100	63540	92740	93380	1.30	8.0	16.3	
5	0.671	4	0.501	0.20	0.197	6.37	8.99	70260	71330	99150	100660	1.30	8.0	16.3	
6	0.671	4	0.501	0.20	0.197	6.42	9.04	70820	71900	99710	101230	1.40	8.0	17.5	
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BEND TEST:

# 8	Sample bend through 180 degrees Satisfactorily without any crack
# 6	Sample bend through 180 degrees Satisfactorily without any crack
# 4	Sample bend through 180 degrees Satisfactorily without any crack

Note:-

Only Nine Samples Received and Tested

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