

Engr. Muhammad Ahmed Raza
Deputy Project Manager, CCCE-ETERN-AL Hussain Consortium

Test Performed By:

Dr. /Engr.

S. Asad Ali Gillani

Client Reference: CCCE-ETERN-AL-Hussain/IGM/NGS-LOT# II /2808-10

Dated:

06-07-2021

SOM Lab Ref: CED/SOM/4661,4662 (Page-1/1)

Dated:

12-07-2021

Test: Tension Test & Bend Test

Test Specification:

BS-4449

Sample Type: Deformed Bar(Union Steel)

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	0.888	12	12.00	113	113	60.00	77.50	531	531	685	686	27.5	200	13.8	
2	0.886	12	11.99	113	113	60.20	75.00	532	534	663	665	30.0	200	15.0	
3	0.886	12	11.99	113	113	60.20	75.00	532	534	663	665	30.0	200	15.0	
4	0.883	12	11.97	113	113	61.50	78.70	544	547	696	700	30.0	200	15.0	
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Witnessed By:

Ahsan Majeed, Civil Engineer,

BEND TEST:

12mm Sample bend through 180 degrees Satisfactorily without any crack

12mm 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

Project Coordinator,
Bigriver Construction & Installation (Pvt) Ltd. Karachi

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

Client Reference: BCI-21-7137-03

Dated: 09-07-2021

SOM Lab Ref: CED/SOM/4663 (Page-1/1)

Dated: 12-07-2021

Test: Tensile Test & Bend Test

Test Specification: ASTM-A-615

Sample Type: Deformed Bar

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	2.951	25	21.88	491	376	155.70	246.20	317	415	502	655	37.5	200	18.8	
2	2.256	20	19.13	314	287	160.50	202.00	511	559	643	703	25.0	200	12.5	
3	1.567	16	15.94	201	200	127.20	152.50	633	638	758	765	30.0	200	15.0	
4	0.977	12	12.59	113	124	55.20	85.50	488	444	756	688	42.5	200	21.3	
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BEND TEST:

25mm	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Eight Samples Received and Tested
20mm	Sample bend through 180 degrees Satisfactorily without any crack	
16mm	Sample bend through 180 degrees Satisfactorily without any crack	
12mm	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

Sarfraz Ahmad

Test Performed By:

Dr. /Engr.

S. Asad Ali Gillani

Project Manager, (RFL -Project) Banu Mukhtar Contracting (Pvt) Ltd., Lahore

Client Reference: nil**Dated:** 09-07-2021**SOM Lab Ref:** CED/SOM/4654(Page-1/1)**Dated:** 12-07-2021**Test:** Tension Test & Bend Test**Test Specification:** ASTM-A 615**Sample Type:** Deformed Bar**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	3.830	25	24.93	491	488	233.70	317.20	476	479	646	650	35.0	200	17.5	
2	3.819	25	24.89	491	486	228.00	311.50	464	469	635	641	30.0	200	15.0	
3	2.477	20	20.04	314	316	149.50	200.50	476	474	638	636	32.5	200	16.3	
4	2.472	20	20.02	314	315	147.50	199.00	470	469	633	633	30.0	200	15.0	
5	1.611	16	16.17	201	205	103.20	132.50	513	503	659	646	32.5	200	16.3	
6	1.608	16	16.15	201	205	103.50	131.20	515	506	653	641	35.0	200	17.5	
7	0.869	12	11.87	113	111	56.50	74.20	500	511	656	671	27.5	200	13.8	
8	0.864	12	11.84	113	110	57.00	74.50	504	518	659	677	25.0	200	12.5	
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BEND TEST:

25mm	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Twelve Samples Received and Tested
20mm	Sample bend through 180 degrees Satisfactorily without any crack	
16mm	Sample bend through 180 degrees Satisfactorily without any crack	
12mm	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

Qaisar Zulfiqar
XEN. Garrison Engineer (Army) - II, Okara

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

Client Reference: 6000/SM/19/E-6
Dated: 05-07-2021
Test: Tension Test
Guage Length: 8 inch

SOM Lab Ref: 4651(Page-1/1)
Dated: 12-07-2021
Test Specification: ASTM-A-615
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	27.52	35.70	76840	78730	99660	102120	1.40	8.0	17.5	
2	1.462	6	0.740	0.44	0.430	16.33	19.44	81860	83760	97440	99710	1.20	8.0	15.0	
3	1.045	5	0.625	0.31	0.307	11.13	13.73	79200	79970	97690	98640	1.20	8.0	15.0	
4	0.653	4	0.494	0.20	0.192	7.49	9.35	82620	86060	103080	107370	1.00	8.0	12.5	
5	0.654	4	0.494	0.20	0.192	7.26	9.35	80040	83370	103080	107370	0.90	8.0	11.3	
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BEND TEST:

--	No Bend test performed	Note:- Only Five Samples Received and Tested

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

Qaisar Zulfiqar
XEN. Garrison Engineer (Army) - II, Okara

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

Client Reference: 6000/SM/21/E-6
Dated: 04-07-2021
Test: Tension Test
Guage Length: 8 inch

SOM Lab 4652(Page-1/3)
Ref: 1/3
Dated: 12-07-2021
ASTM-A-615
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	1.031	5	0.621	0.31	0.303	10.65	13.12	75790	77540	93340	95490	1.30	8.0	16.3	
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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

Qaisar Zulfiqar
XEN. Garrison Engineer (Army) - II, Okara

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

Client Reference: 6000/SM/18/E-6
Dated: 04-07-2021
Test: Tension Test
Guage Length: 8 inch

SOM Lab 4652(Page-
Ref: 2/3)
Dated: 12-07-2021
ASTM-A-615
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	1.505	6	0.750	0.44	0.442	14.53	18.88	72810	72480	94630	94200	1.30	8.0	16.3	
2	0.987	5	0.608	0.31	0.290	10.65	13.40	75790	81010	95370	101940	1.00	8.0	12.5	
3	0.602	4	0.475	0.20	0.177	5.91	7.80	65200	73670	85990	97170	1.30	8.0	16.3	
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BEND TEST:

--	No Bend test performed	Note:- Only Three Samples Received and Tested

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

Qaisar Zulfiqar
XEN. Garrison Engineer (Army) - II, Okara

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

Client Reference: 6000/SM/12/E-6
Dated: 14-06-2021
Test: Tension Test
Guage Length: 8 inch

SOM Lab 4652(Page-3/3)
Ref: 3/3
Dated: 12-07-2021
ASTM-A-615
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	1.495	6	0.748	0.44	0.439	17.43	21.15	87370	87570	106020	106260	1.10	8.0	13.8	
2	1.487	6	0.746	0.44	0.437	17.64	21.30	88400	89000	106790	107520	1.10	8.0	13.8	
3	0.996	5	0.611	0.31	0.293	10.83	13.48	77020	81490	95880	101440	1.50	8.0	18.8	
4	1.034	5	0.622	0.31	0.304	10.88	13.66	77380	78910	97180	99100	1.30	8.0	16.3	
5	0.602	4	0.475	0.20	0.177	5.93	8.12	65420	73930	89590	101230	1.10	8.0	13.8	
6	0.604	4	0.476	0.20	0.178	6.07	8.05	66890	75150	88800	99780	1.00	8.0	12.5	
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BEND TEST:

--	No Bend test performed	Note:- Only Six Samples Received and Tested

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

Hashir Zia (Civil Engineer)
Ahmad Builders, Lahore

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

Client Reference: nil
Dated: 12-07-2021
Test: Tension Test
Gauge Length: 8 inch

SOM Lab 4653,4659(Page-1/1)
Ref: 1/1
Dated: 12-07-2021
Test Specification: ASTM-A-615
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	2.641	8	0.994	0.79	0.776	16.99	30.02	47440	48300	83810	85320	1.80	8.0	22.5	
2	2.679	8	1.001	0.79	0.787	19.54	35.12	54560	54760	98040	98410	1.50	8.0	18.8	
3	1.489	6	0.747	0.44	0.438	10.88	18.20	54520	54770	91210	91620	1.60	8.0	20.0	
4	1.487	6	0.746	0.44	0.437	10.14	17.99	50840	51190	90180	90800	1.80	8.0	22.5	
5	0.671	4	0.501	0.20	0.197	5.45	8.72	60140	61060	96110	97570	1.40	8.0	17.5	
6	0.664	4	0.498	0.20	0.195	5.37	8.66	59240	60760	95550	98000	1.50	8.0	18.8	
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Witnessed By: Hashir Zia & Hassan Naqvi

BEND TEST:

--	No Bend test performed	Note:- Only Six Samples Received and Tested

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

Sub Divisional Officer
Highway Sub Division, No 11, Faisalabad

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

Client Reference: 456/II

SOM Lab

Ref: 4656(Page-1/1)

Dated: 08-07-2021

Dated: 12-07-2021

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type: Deformed Bar

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	1.429	6	0.731	0.44	0.420	13.12	17.84	65760	68890	89420	93680	1.60	8.0	20.0	
2	1.418	6	0.729	0.44	0.417	14.48	17.40	72560	76560	87220	92030	1.50	8.0	18.8	
3	0.657	4	0.496	0.20	0.193	5.52	8.38	60930	63140	92400	95750	1.50	8.0	18.8	
4	0.658	4	0.496	0.20	0.193	5.50	8.48	60700	62900	93530	96920	1.40	8.0	17.5	
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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

Muhammad Shahbaz
Imperium Hospitality (Pvt) Ltd. Lahore

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

Client Reference: IHPL/Steel/098

SOM Lab

Ref: 4657(Page-2/4)

Dated: 09-07-2021

Dated: 12-07-2021

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	1.453	6	0.737	0.44	0.427	14.22	18.65	71280	73450	93510	96350	1.00	8.0	12.5	
2	1.445	6	0.736	0.44	0.425	13.66	19.01	68470	70890	95290	98660	1.20	8.0	15.0	
3	1.461	6	0.739	0.44	0.429	14.04	19.32	70360	72160	96830	99310	1.10	8.0	13.8	
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Witnessed By: Rafi Ullah(IHPL) & Ali Hasnain Khan, Jr. Planing Engineer, Kingcrete Builders.

BEND TEST:

# 6	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Five Samples Received and Tested
# 6	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 Shahbaz
Imperium Hospitality (Pvt) Ltd. Lahore

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

Client Reference: IHPL/Steel/096

SOM Lab

Ref: 4657(Page-3/4)

Dated: 08-07-2021

Dated: 12-07-2021

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	1.447	6	0.736	0.44	0.425	15.80	19.64	79200	81990	98460	101940	1.20	8.0	15.0	
2	1.483	6	0.745	0.44	0.436	16.41	20.13	82260	83020	100910	101840	1.20	8.0	15.0	
3	1.463	6	0.740	0.44	0.430	16.16	20.00	80990	82870	100250	102580	1.20	8.0	15.0	
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Witnessed By: Rafi Ullah(IHPL) & Ali Hasnain Khan, Jr. Planing Engineer, Kingcrete Builders.

BEND TEST:

# 6	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Five Samples Received and Tested
# 6	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 Shahbaz
Imperium Hospitality (Pvt) Ltd. Lahore

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

Client Reference: IHPL/Steel/097

SOM Lab

Ref: 4657(Page-4/4)

Dated: 08-07-2021

Dated: 12-07-2021

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	2.615	8	0.989	0.79	0.768	28.21	36.62	78750	81000	102220	105150	1.30	8.0	16.3	
2	2.641	8	0.994	0.79	0.776	27.85	36.36	77750	79150	101510	103340	1.10	8.0	13.8	
3	2.620	8	0.990	0.79	0.770	28.26	36.67	78890	80940	102360	105020	1.20	8.0	15.0	
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Witnessed By: Rafi Ullah(IHPL) & Ali Hasnain Khan, Jr. Planing Engineer, Kingcrete Builders.

BEND TEST:

# 8	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Five Samples Received and Tested
# 8	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 Luqman
 Manager Project, Fatima Memorial Hospital, Lahore

Test Performed By: Dr. /Engr.

S. Asad Ali
 Gillani

Client Reference: FMH/RAF/St/01

Dated: 12-07-2021

SOM Lab

Ref: 4658(Page-1/1)

Dated: 12-07-2021

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	2.675	8	1.000	0.79	0.786	24.54	35.09	68500	68850	97950	98450	1.60	8.0	20.0	
2	2.635	8	0.993	0.79	0.774	26.17	36.34	73050	74560	101450	103550	1.20	8.0	15.0	
3	1.507	6	0.751	0.44	0.443	14.93	20.97	74860	74350	105100	104390	1.30	8.0	16.3	
4	1.458	6	0.738	0.44	0.428	14.19	19.47	71130	73120	97590	100330	1.10	8.0	13.8	
5	0.685	4	0.506	0.20	0.201	6.54	9.12	72170	71810	100610	100110	1.10	8.0	13.8	
6	0.684	4	0.506	0.20	0.201	6.63	9.25	73070	72700	101960	101450	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

Obaid Ullah

Test Performed By:

Dr. /Engr. S. Asad Ali Gillani

CE/Engineer's Representative, NESPAK (Proj. Infra Devel. Of Federal Govt. Employees Housing Scheme,)

Client Reference: 3690/321/104/OU/11(a)/58

SOM Lab Ref: 4660(Page-1/1)

Dated: 10-07-2021

Dated: 12-07-2021

Test: Tension 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	1.543	6	0.759	0.44	0.453	15.19	19.88	76130	73950	99640	96780	1.40	8.0	17.5	
2	1.544	6	0.760	0.44	0.454	15.16	19.85	75980	73640	99480	96420	1.50	8.0	18.8	
3	0.648	4	0.492	0.20	0.190	6.52	8.56	71940	75730	94420	99390	1.00	8.0	12.5	
4	0.642	4	0.491	0.20	0.189	6.52	8.58	71940	76130	94650	100160	1.20	8.0	15.0	
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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

M. Muzzamal Aslam

Test Performed By:

Dr. /Engr.

S Asad Ali Gillani

Project: WS # 2, Plot # 35-A, Phase 1-A, M-3, Industrial city Sahianwala, Faisalabad

Client Reference: RC/T/02

SOM Lab

Ref:

4664(Page-1/1)

Dated: 12-07-2021

Dated:

12-07-2021

Test: Tensile 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	1.519	6	0.754	0.44	0.446	16.62	20.44	83290	82170	102450	101070	1.20	8.0	15.0	
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BEND TEST:

# 6	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