Engr.Inam Niazi,RE **Test Performed By:** **Dr. /Engr.** Asad Ali Gillani

MetroplanAsian Jv,Lhr.(Hazrat Hameed-Ud-Din Haahim Surgical Complex.SZMC/Hospital,R.Y.Khan)

Client Reference: RE/HHH-SC/AsCE/UET/012 **SOM Lab Ref:** 1829 (Page-1/1)

Dated: 22-02-2023 **Dated:** 28-02-2023

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	2.671	8	1.000	0.79	0.785	26.22	34.63	73200	73660	96670	97290	1.30	8.0	16.3	
2	2.701	8	1.005	0.79	0.794	25.15	33.79	70210	69850	94340	93860	1.40	8.0	17.5	
3	1.530	6	0.757	0.44	0.450	12.69	19.03	63620	62200	95400	93280	1.00	8.0	12.5	
4	1.526	6	0.755	0.44	0.448	13.17	19.27	66020	64840	96570	94850	1.20	8.0	15.0	
5	0.672	4	0.501	0.20	0.197	7.03	9.14	77560	78750	100830	102370	1.00	8.0	12.5	
6	0.672	4	0.501	0.20	0.197	6.37	8.41	70260	71330	92740	94150	1.20	8.0	15.0	
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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

Cantonment Executive Officer, **Test Performed By:** **Dr. /Engr.** Asad Ali Gillani
Sargodha Cantt.(Const Of Rooms+Set of Baths in CB School Situated at Tariqabad)

Client Reference: CBS/CONT/01/706 **SOM Lab Ref:** 1830 (Page-1/1)
Dated: 15-02-2023 **Dated:** 28-02-2023

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	1.508	6	0.751	0.44	0.443	12.59	20.44	63100	62680	102450	101750	1.10	8.0	13.8	
2	1.507	6	0.751	0.44	0.443	13.15	20.56	65910	65470	103060	102360	1.10	8.0	13.8	
3	0.670	4	0.501	0.20	0.197	7.19	9.02	79250	80460	99480	101000	1.00	8.0	12.5	
4	0.670	4	0.501	0.20	0.197	6.22	8.26	68570	69620	91050	92440	1.00	8.0	12.5	
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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

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

Manager Const.Beaconhouse School System.(Const Of Ibne Sina Campus at Valencia Town Lahore)

Client Reference: Nil **SOM Lab Ref:** 1831 (Page-1/1)

Dated: 21-02-2023 **Dated:** 28-02-2023

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	2.568	8	0.980	0.79	0.755	24.43	32.54	68220	71380	90840	95050	1.50	8.0	18.8	
2	2.699	8	1.005	0.79	0.793	26.45	34.51	73850	73570	96330	95970	1.60	8.0	20.0	
3	1.477	6	0.743	0.44	0.434	14.63	18.06	73320	74340	90540	91790	1.30	8.0	16.3	
4	1.475	6	0.743	0.44	0.433	14.32	17.86	71790	72950	89520	90970	1.40	8.0	17.5	
5	0.672	4	0.501	0.20	0.197	6.47	8.23	71380	72470	90720	92100	1.10	8.0	13.8	
6	0.672	4	0.501	0.20	0.197	6.57	8.41	72510	73610	92740	94150	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
# 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

SMA Engineering & Services **Test Performed By:** **Dr. /Engr.** Asad Ali Gillani

PM Singpura Sports Complex Lahore.(Estb Of Sports Comples In singhpura Lahore)

Client Reference: Nil **SOM Lab Ref:** 1832 (Page-1/1)

Dated: 28-02-2023 **Dated:** 28-02-2023

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	1.513	6	0.753	0.44	0.445	14.85	19.59	74450	73610	98210	97100	1.30	8.0	16.3	
2	1.504	6	0.750	0.44	0.442	14.78	19.59	74090	73750	98210	97760	1.30	8.0	16.3	
3	0.673	4	0.502	0.20	0.198	6.80	9.02	74980	75740	99480	100490	1.00	8.0	12.5	
4	0.673	4	0.502	0.20	0.198	6.60	8.94	72730	73470	98580	99580	1.10	8.0	13.8	
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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

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

Housing Scheme Manager QA/QC Mandi Bahauddin.

Client Reference: NMC/MBD/11 **SOM Lab Ref:** 1833 (Page-1/2)

Dated: 27-02-2023 **Dated:** 27-02-2023

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	2.679	8	1.001	0.79	0.787	25.81	35.24	72060	72330	98380	98760	1.20	8.0	15.0	
2	2.663	8	0.998	0.79	0.783	25.74	35.19	71860	72500	98240	99120	1.30	8.0	16.3	
3	1.484	6	0.745	0.44	0.436	14.68	19.57	73580	74250	98100	99000	1.30	8.0	16.3	
4	1.490	6	0.747	0.44	0.438	14.85	19.67	74450	74790	98610	99060	1.10	8.0	13.8	
5	0.672	4	0.501	0.20	0.197	7.16	8.56	78910	80110	94420	95860	1.10	8.0	13.8	
6	0.672	4	0.501	0.20	0.197	7.16	8.58	78910	80110	94650	96090	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
# 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

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

Housing Scheme Manager QA/QC Mandi Bahauddin.

Client Reference: NMC/MBD/10 **SOM Lab Ref:** 1833 (Page-2/2)

Dated: 27-02-2023 **Dated:** 27-02-2023

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	0.670	4	0.501	0.20	0.197	7.10	8.48	78350	79540	93530	94950	1.20	8.0	15.0	
2	0.668	4	0.500	0.20	0.196	7.34	9.02	80940	82590	99480	101510	1.30	8.0	16.3	
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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

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

GM Const.Ittefaq Building Solution.(Religious Building For Mr. Sohail Bhatti at Jubilee Town Lhr)

Client Reference: IBS/SA/ST-01 **SOM Lab Ref:** 1834 (Page-1/1)

Dated: 28-02-2023 **Dated:** 28-02-2023

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	1.482	6	0.745	0.44	0.436	12.15	18.06	60910	61470	90540	91370	1.50	8.0	18.8	
2	0.670	4	0.501	0.20	0.197	6.34	8.38	69920	70990	92400	93810	1.40	8.0	17.5	
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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 Four 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/06/050 **SOM Lab Ref:** 1835 (Page-1/1)

Dated: 20-02-2023 **Dated:** 28-02-2023

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	0.668	4	0.500	0.20	0.196	6.52	8.28	71940	73410	91280	93140	1.20	8.0	15.0	B-3373
2	0.670	4	0.501	0.20	0.197	6.57	8.31	72510	73610	91610	93010	1.10	8.0	13.8	B-3373
3	0.672	4	0.501	0.20	0.197	6.68	8.43	73630	74750	92960	94380	1.20	8.0	15.0	E-8650
4	0.673	4	0.502	0.20	0.198	6.78	8.48	74750	75510	93530	94470	1.20	8.0	15.0	E-8650
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BEND TEST:

# 4	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

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

CM Zameen Aurum,(Construction Of Zameen Aurum at Plot No.15 Block L,Gulberg-III Lahore)

SOM Lab

Client Reference: ZD/ZA/STR042 **Ref:** 1836 (Page-1/1)

Dated: 28-02-2023 **Dated:** 28-02-2023

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	1.527	6	0.756	0.44	0.449	14.14	20.15	70870	69450	101020	98990	1.30	8.0	16.3	
2	1.520	6	0.754	0.44	0.447	15.16	21.30	75980	74790	106790	105120	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