

M/S HA Consulting Jv

Test Performed By:

Dr. /Engr.

Mazhar Saleem

Mascon Associates,Punjab Model Bazaar Sheikhpura Pkg A

Client Reference: PMBA/22/005

Dated: 08-02-2022

SOM Lab Ref: CED/SOM/5857 (Page-1/1)

Dated: 10-02-2022

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	2.641	20	20.68	314	336	117.50	170.20	374	350	542	507	57.5	200	28.8	
2	2.623	20	20.63	314	334	113.20	167.70	360	339	534	502	40.0	200	20.0	
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BEND TEST:

20mm	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

Sub Divisional officer,

Test Performed By: Dr. /Engr. Bilal

HSD M&R, Hafizabad.(Special Repair Of Rd From Hafizabad-Kassoki L=12.60KMs)

Client Reference: 301/(M&r,HFD)

SOM Lab 5852 (Page-

Ref: 1/1)

Dated: 29-05-2021

Dated: 10-02-2022

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	2.652	8	0.996	0.79	0.779	18.04	25.99	50370	51080	72570	73590	1.80	8.0	22.5	
2	2.634	8	0.993	0.79	0.774	17.99	26.10	50230	51270	72850	74360	1.80	8.0	22.5	
3	1.489	6	0.747	0.44	0.438	14.07	19.42	70510	70840	97340	97780	1.30	8.0	16.3	
4	1.504	6	0.750	0.44	0.442	14.88	19.93	74600	74260	99890	99440	1.20	8.0	15.0	
5	0.629	4	0.485	0.20	0.185	4.96	7.03	54750	59180	77560	83850	1.10	8.0	13.8	
6	0.627	4	0.484	0.20	0.184	4.96	7.03	54750	59510	77560	84310	1.20	8.0	15.0	
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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

Sajjad Ali Memon

Test Performed By:

Dr. /Engr. Bilal

RE Pillar & Sons.(Rumanza Golf & Country Club,DHA Multan)

Client Reference: P&S/OTH/GEN/00065

SOM Lab 5853 (Page-

Ref: 1/2)

Dated: 07-02-2022

Dated: 10-02-2022

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (SJ 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	2.675	8	1.000	0.79	0.786	25.89	33.69	72290	72650	94050	94530	1.40	8.0	17.5	
2	2.667	8	0.999	0.79	0.784	26.50	33.86	73990	74560	94540	95260	1.40	8.0	17.5	
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BEND TEST:

# 8	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

Sajjad Ali Memon

Test Performed By:

Dr. /Engr. Bilal

RE Pillar & Sons.(Rumanza Golf & Country Club,DHA Multan)

Client Reference: P&S/OTH/GEN/00064

SOM Lab 5853 (Page-

Ref: 2/2)

Dated: 04-02-2022

Dated: 10-02-2022

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (SJ 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	0.674	4	0.502	0.20	0.198	8.10	9.25	89370	90270	101960	102990	0.90	8.0	11.3	
2	0.671	4	0.501	0.20	0.197	7.87	9.04	86780	88100	99710	101230	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

Salman Zahur
CEO Linker.(OHWT Dream Gardens Wazirabad (Pkg 2))

Test Performed By: Dr. /Engr. Bilal

Client Reference: Nil

SOM Lab 5854 (Page-

Ref: 1/1)

Dated: 10-02-2022

Dated: 10-02-2022

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	1.070	5	0.632	0.31	0.314	9.48	14.09	67450	66590	100230	98950	1.10	8.0	13.8	
2	0.654	4	0.494	0.20	0.192	5.81	8.84	64080	66750	97460	101520	1.30	8.0	16.3	
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BEND TEST:

# 5	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

Inam Ul Haq

Test Performed By: Dr. /Engr. Bilal

RE Metroplan-Asian Jv,Layyah(Establishment Of 200 Bedded Mother & Child Hospital(MCH),Layyah)

Client Reference: Metroplan-Asian Jv-MCH-Layyah-RE-003

SOM Lab 5855 (Page-

Ref: 1/1)

Dated: 02-02-2022

Dated: 10-02-2022

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	1.452	6	0.737	0.44	0.427	14.78	20.18	74090	76350	101170	104250	1.30	8.0	16.3	
2	1.506	6	0.751	0.44	0.443	14.19	20.03	71130	70640	100400	99720	1.20	8.0	15.0	
3	1.453	6	0.737	0.44	0.427	14.34	20.03	71890	74080	100400	103460	1.40	8.0	17.5	
4	1.460	6	0.739	0.44	0.429	14.64	20.64	73370	75260	103470	106120	1.30	8.0	16.3	
5	0.644	4	0.491	0.20	0.189	6.29	8.58	69360	73400	94650	100160	1.10	8.0	13.8	
6	0.657	4	0.496	0.20	0.193	6.52	8.56	71940	74550	94420	97850	1.00	8.0	12.5	
7	0.658	4	0.496	0.20	0.193	6.39	8.66	70480	73040	95550	99010	1.20	8.0	15.0	
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BEND TEST:

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

Sub Divisional officer,

Test Performed By: Dr. /Engr. Bilal

BSD No.5 Lahore.(Const. Of New Block In Degree College DharamPura Mustafabad Lahore)

Client Reference: 295/516

SOM Lab 5856 (Page-

Ref: 1/1)

Dated: 07-02-2022

Dated: 10-02-2022

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	2.687	8	1.003	0.79	0.790	24.13	34.88	67360	67360	97380	97380	1.70	8.0	21.3	
2	2.676	8	1.000	0.79	0.786	23.72	34.15	66220	66560	95340	95820	1.20	8.0	15.0	
3	1.509	6	0.751	0.44	0.443	14.68	19.75	73580	73080	98970	98300	1.30	8.0	16.3	
4	1.496	6	0.748	0.44	0.440	14.78	19.93	74090	74090	99890	99890	1.20	8.0	15.0	
5	0.678	4	0.503	0.20	0.199	6.70	9.09	73850	74230	100270	100770	1.20	8.0	15.0	
6	0.682	4	0.505	0.20	0.200	6.75	9.12	74420	74420	100610	100610	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

Manohar Lal

Test Performed By: Dr. /Engr. Bilal

RE Nespak,Lahore(Dualization of Rd From Grw to M-2 Interchange at Kot Sarwar Via Hafizabad)

Client Reference: SA-466F/103/GH/ML/Lab/03

SOM Lab 5858 (Page-

Ref: 1/1)

Dated: 08-02-2022

Dated: 10-02-2022

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	2.679	8	1.001	0.79	0.787	26.63	36.09	74330	74620	100740	101130	1.30	8.0	16.3	
2	2.701	8	1.005	0.79	0.794	25.81	35.55	72060	71690	99230	98730	1.40	8.0	17.5	
3	1.645	6	0.784	0.44	0.483	16.77	21.48	84050	76570	107660	98070	1.40	8.0	17.5	
4	1.626	6	0.780	0.44	0.478	16.23	21.00	81340	74880	105260	96890	1.20	8.0	15.0	
5	0.583	4	0.467	0.20	0.171	6.37	7.90	70260	82170	87120	101890	1.00	8.0	12.5	
6	0.583	4	0.467	0.20	0.171	6.39	7.97	70480	82430	87910	102810	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