

Muhammad Shafiq, RE

Test Performed By:

Dr. /Engr. Asad Ali Gillani

Nespak Lahore.(Const Of Fatima Jinnah Institute Of Dental Science,Lahore)

Client Reference: 3016/12/MS/04/52

SOM Lab

Ref: 2134 (Page-1/1)

Dated: 14-04-2023

Dated: 03-05-2023

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	2.672	8	1.000	0.79	0.785	22.32	32.84	62330	62720	91690	92280	1.50	8.0	18.8	
2	2.673	8	1.000	0.79	0.786	22.28	32.79	62210	62530	91550	92020	1.60	8.0	20.0	
3	1.511	6	0.752	0.44	0.444	16.00	21.99	80220	79500	110210	109220	1.20	8.0	15.0	
4	1.515	6	0.753	0.44	0.445	15.41	21.76	77260	76390	109090	107860	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	

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

Engr. Naveed Sadiq
RE Orbit Housing.Lahore.(The Springs Apartment Homes)

Test Performed By: Dr. /Engr. Wasim Abbas

Client Reference: Nil
Dated: 03-05-2023

SOM Lab
Ref: 2135 (Page-1/1)
Dated: 03-05-2023

Test: Tension Test & Bend Test
Gauge Length: 8 inch

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	2.660	8	0.998	0.79	0.782	25.39	33.79	70890	71620	94340	95300	1.00	8.0	12.5	
2	2.670	8	1.000	0.79	0.785	25.29	34.99	70610	71060	97700	98320	1.10	8.0	13.8	
3	1.444	6	0.735	0.44	0.424	15.29	20.59	76640	79540	103210	107110	1.00	8.0	12.5	
4	1.458	6	0.738	0.44	0.428	14.50	20.19	72660	74700	101220	104060	1.20	8.0	15.0	
5	0.652	4	0.494	0.20	0.192	6.10	8.70	67220	70020	95890	99880	1.20	8.0	15.0	
6	0.655	4	0.494	0.20	0.192	6.10	8.70	67220	70020	95890	99880	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

Metroplan Asian Jv,

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

Test Performed By: Dr. /Engr. Wasim Abbas

Client Reference: RE/HHH-SC/AsCE/UET/017

Dated: 17-04-2023

Test: Tension Test & Bend Test

Gauge Length: 8 inch

Test Specification: ASTM-A-615

Sample Type:

SOM Lab

Ref: 2136 (Page-1/1)

Dated: 03-05-2023

ASTM-A-615

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	2.713	8	1.007	0.79	0.797	22.29	34.00	62240	61690	94910	94080	1.50	8.0	18.8	
2	2.694	8	1.004	0.79	0.792	26.89	32.40	75070	74880	90440	90210	1.70	8.0	21.3	
3	1.518	6	0.754	0.44	0.446	14.99	19.69	75160	74150	98720	97390	1.20	8.0	15.0	
4	1.501	6	0.749	0.44	0.441	14.50	19.30	72660	72490	96720	96500	1.20	8.0	15.0	
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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	

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

Engr. Haseeb Afzal

Test Performed By:

Dr. /Engr. Asad Ali Gillani

Project Manager HMB Developers Pvt Ltd.(Commercial Tower, FTC Lahore)

Client Reference: HMBDPL/S.O/03/23/34(LHR)

SOM Lab

Ref: 2137 (Page-1/1)

Dated: 02-05-2023

Dated: 03-05-2023

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	1.505	6	0.750	0.44	0.442	14.29	18.91	71640	71310	94780	94350	1.50	8.0	18.8	B # 278
2	1.488	6	0.746	0.44	0.437	14.83	18.78	74350	74860	94120	94760	1.50	8.0	18.8	B # 278
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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

Saquib Akram,RE

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

Nespak Sighpura Sports Complex,Lahore.(Estb Of Sports Complex In Singh Pura Lhr)

Client Reference: 3772/103/NA122/RE/05/14

SOM Lab

Ref: 2138 (Page-1/1)

Dated: 29-03-2023

Dated: 03-05-2023

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	0.668	4	0.500	0.20	0.196	7.05	9.30	77790	79380	102520	104610	1.30	8.0	16.3	
2	0.671	4	0.501	0.20	0.197	6.29	8.89	69360	70410	98020	99510	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

Muhammad Irfan

Test Performed By:

Dr. /Engr. Asad Ali Gillani

ME Banu Mukhtar Contracting(Pvt.) Ltd.(Burj-1 By AJWA Builders)

Client Reference: DOC-BMC/AJWA/054

SOM Lab

Ref:

2139 (Page-1/1)

Dated: 03-05-2023

Dated:

03-05-2023

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	0.687	4	0.507	0.20	0.202	7.10	8.89	78350	77580	98020	97050	1.00	8.0	12.5	
2	0.678	4	0.503	0.20	0.199	6.93	8.92	76440	76820	98360	98850	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

Waqas Ali
Variant Gulberg 2, Lahore.

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

Client Reference: VA/29/75

SOM Lab

Ref: 2140 (Page-1/1)

Dated: 02-05-2023

Dated: 03-05-2023

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	2.677	8	1.001	0.79	0.787	30.65	35.63	85570	85900	99460	99840	1.30	8.0	16.3	
2	2.722	8	1.009	0.79	0.800	31.98	37.46	89270	88160	104580	103280	1.40	8.0	17.5	
3	1.503	6	0.750	0.44	0.442	16.31	18.93	81750	81380	94880	94460	1.30	8.0	16.3	
4	1.508	6	0.751	0.44	0.443	16.00	18.60	80220	79680	93250	92620	1.40	8.0	17.5	
5	0.662	4	0.498	0.20	0.195	7.44	8.69	82060	84160	95770	98230	1.10	8.0	13.8	
6	0.664	4	0.498	0.20	0.195	7.54	8.74	83180	85320	96340	98810	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