

Muhammad Shahbaz
Imperium Hospitality (Pvt) Ltd. Lahore

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

Client Reference: IHPL.Steel/042

SOM Lab
Ref: 3674(Page-1/1)

Dated: 18-01-2021

Dated: 19-01-2021

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	2.672	8	1.000	0.79	0.785	24.52	36.19	68440	68880	101030	101670	1.40	8.0	17.5	
2	2.674	8	1.000	0.79	0.786	24.46	36.21	68300	68650	101080	101600	1.50	8.0	18.8	
3	2.667	8	0.999	0.79	0.784	25.05	36.75	69920	70460	102590	103380	1.20	8.0	15.0	
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BEND TEST:

# 8	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 Shahbaz
Imperium Hospitality (Pvt) Ltd. Lahore

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

Client Reference: IHPL.Steel/041

SOM Lab

Ref: 3675(Page-1/1)

Dated: 18-01-2021

Dated: 019-01-2021

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Deformed

Gauge Length: 8 inch

Sample Type:

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	2.655	8	0.997	0.79	0.780	23.62	35.58	65940	66780	99320	100590	1.30	8.0	16.3	
2	2.660	8	0.998	0.79	0.782	24.52	36.26	68440	69140	101230	102260	1.50	8.0	18.8	
3	2.698	8	1.005	0.79	0.793	23.77	35.55	66370	66120	99230	98860	1.30	8.0	16.3	
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BEND TEST:

# 8	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 Shahbaz
Imperium Hospitality (Pvt) Ltd. Lahore

Test Performed By: Dr. /Engr.

S. Asad Ali
Gillani

Client Reference: IHPL.Steel/045

SOM Lab

Ref: 3676(Page-1/1)

Dated: 18-01-2021

Dated: 19-01-2021

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	0.655	4	0.494	0.20	0.192	5.47	8.26	60370	62880	91050	94850	1.20	8.0	15.0	
2	0.775	4	0.539	0.20	0.228	5.37	8.33	59240	51970	91840	80560	1.30	8.0	16.3	
3	0.715	4	0.517	0.20	0.210	5.73	8.46	63180	60170	93300	88860	1.30	8.0	16.3	
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BEND TEST:

# 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

Maj Adnan khalid®

Test Performed By: Dr. /Engr.

S. Asad Ali Gillan

Dy Dir MTL, Infra Development Works, Sector - Q, DHA PH -XI (Rahbar Sector) (M/S DHA - C)

SOM Lab

Client Reference: 408/241/E/Lab/13/308

Ref: 3678(Page-1/1)

Dated: 15-01-2021

Dated: 19-01-2021

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	0.656	4	0.496	0.20	0.193	6.98	9.35	77000	79790	103080	106820	1.00	8.0	12.5	
2	0.679	4	0.505	0.20	0.200	7.56	9.94	83410	83410	109600	109600	1.10	8.0	13.8	
3	0.657	4	0.496	0.20	0.193	7.10	9.33	78350	81190	102860	106590	1.10	8.0	13.8	
4	0.662	4	0.498	0.20	0.195	7.14	9.40	78690	80710	103640	106300	1.10	8.0	13.8	
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BEND TEST:

# 4	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

Sueman Farid Khan

Test Performed By: Dr. /Engr.

S. Asad Ali
Gillani

Assistant Manager Infra, (PCB) Pakistan Cricket Board, Gaddafi Stadium, Lahore

Client Reference: PCB/Infra/21

SOM Lab

Ref: 3682(Page-1/1)

Dated: 18-01-2021

Dated: 19-01-2021

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	0.674	4	0.502	0.20	0.198	7.14	9.43	78690	79480	103980	105030	1.00	8.0	12.5	
2	0.675	4	0.502	0.20	0.198	7.24	9.43	79810	80620	103980	105030	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