

Muhammad Saleem
Project Director (North-III) PAEC, WASO

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

Client Reference: PD/(CH)WASO/C-2/CAB/103/19

SOM Lab 3714(Page-

Ref: 1/1)

Dated: 22-01-2021

Dated: 26-01-2021

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	2.637	8	0.993	0.79	0.775	24.72	34.96	69010	70350	97610	99500	1.40	8.0	17.5	
2	2.649	8	0.995	0.79	0.778	24.46	34.80	68300	69350	97160	98660	1.40	8.0	17.5	
3	1.512	6	0.752	0.44	0.444	14.73	19.57	73830	73170	98100	97220	1.00	8.0	12.5	
4	1.512	6	0.752	0.44	0.444	16.38	20.80	82110	81370	104230	103300	1.20	8.0	15.0	
5	0.669	4	0.501	0.20	0.197	5.96	9.02	65760	66760	99480	101000	1.10	8.0	13.8	
6	0.675	4	0.502	0.20	0.198	5.93	8.99	65420	66090	99150	100150	1.20	8.0	15.0	
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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

Muhammad Saleem
Project Director (North-III) PAEC, WASO

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

Client Reference: PD/(CH)WASO/C-2/CAB/103/188

SOM Lab 3715(Page-

Ref: 1/1)

Dated: 26-01-2021

Dated: 26-01-2021

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	2.623	8	0.991	0.79	0.771	18.11	27.08	50570	51820	75610	77480	1.90	8.0	23.8	
2	1.470	6	0.742	0.44	0.432	19.37	24.28	97080	98880	121710	123960	1.00	8.0	12.5	
3	0.639	4	0.489	0.20	0.188	5.68	8.74	62610	66610	96340	102480	1.00	8.0	12.5	
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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	
# 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/050

SOM Lab Ref: 3716-3719(Page-1/1)

Dated: 25-01-2021

Dated: 26-01-2021

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	1.533	6	0.758	0.44	0.451	13.35	19.85	66940	65300	99480	97060	1.40	8.0	17.5	
2	1.521	6	0.754	0.44	0.447	13.15	19.66	65910	64880	98560	97020	1.30	8.0	16.3	
3	1.523	6	0.755	0.44	0.448	12.95	19.34	64890	63730	96930	95200	1.40	8.0	17.5	
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BEND TEST:

# 6	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/048

SOM Lab Ref: 3717-3720(Page-1/1)

Dated: 25-01-2021

Dated: 26-01-2021

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	1.515	6	0.753	0.44	0.445	13.17	19.54	66020	65280	97950	96850	1.30	8.0	16.3	
2	1.511	6	0.752	0.44	0.444	13.17	19.49	66020	65420	97690	96810	1.30	8.0	16.3	
3	1.505	6	0.750	0.44	0.442	13.35	19.78	66940	66630	99130	98680	1.20	8.0	15.0	
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BEND TEST:

# 6	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

Jamal Waris
Imperium Hospitality (Pvt) Ltd. Lahore

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

Client Reference: IHPL.Steel/049
Dated: 25-01-2021
Test: Tension Test & Bend Test
Gauge Length: 8 inch

SOM Lab 3718(Page-1/1)
Ref: 1/1
Dated: 26-01-2021
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	1.512	6	0.752	0.44	0.444	13.20	19.78	66170	65570	99130	98230	1.30	8.0	16.3	
2	1.513	6	0.753	0.44	0.445	13.30	19.67	66680	65930	98610	97510	1.20	8.0	15.0	
3	1.515	6	0.753	0.44	0.445	13.20	19.64	66170	65430	98460	97350	1.30	8.0	16.3	
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BEND TEST:

# 6	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

Engr. Rizwan Ali
 Ittefaq Construction Services, 19-D-2, JoharTown, Lahore

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

Client Reference: ICS/H.O/A. M.O. B./02

SOM Lab 3721(Page-

Ref: 1/1)

Dated: 26-01-2021

Dated: 26-01-2021

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	2.603	8	0.987	0.79	0.765	21.89	35.68	61100	63100	99600	102860	0.90	8.0	11.3	
2	2.578	8	0.982	0.79	0.758	21.48	35.55	59960	62490	99230	103420	1.20	8.0	15.0	
3	1.490	6	0.747	0.44	0.438	12.92	20.49	64740	65040	102700	103170	1.30	8.0	16.3	
4	1.480	6	0.744	0.44	0.435	13.07	20.69	65510	66260	103720	104920	1.20	8.0	15.0	
5	0.658	4	0.496	0.20	0.193	6.29	9.63	69360	71870	106230	110080	1.10	8.0	13.8	
6	0.656	4	0.496	0.20	0.193	6.35	9.68	70030	72570	106790	110660	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

Sub Divisional Officer
Building Sub Division Noorpur Thal

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

Client Reference: 149/N

SOM Lab 3722(Page-

Ref: 1/1)

Dated: 15-12-2021

Dated: 26-01-2021

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Guage 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	1.528	6	0.756	0.44	0.449	17.64	23.45	88400	86620	117520	115160	1.40	8.0	17.5	
2	0.732	4	0.523	0.20	0.215	8.15	10.19	89930	83650	112410	104570	1.50	8.0	18.8	
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BEND TEST:

# 6	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

Lt. Col. Muhammad Kashif
Waseem

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

ADH. (Works) - 1, Lahore. GHQ AG's (Housing Dte) Army Offices Housing Complex Askari-XI

Client Reference: 608/12/XI/ADH

SOM Lab Ref: 3723(Page-1/1)

Dated: 25-01-2021

Dated: 26-01-2021

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	1.470	6	0.742	0.44	0.432	15.75	20.18	78940	80410	101170	103040	1.20	8.0	15.0	
2	1.057	5	0.629	0.31	0.311	10.50	13.46	74700	74460	95730	95420	1.00	8.0	12.5	
3	0.660	4	0.497	0.20	0.194	6.57	8.77	72510	74750	96670	99660	1.00	8.0	12.5	
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BEND TEST:

# 6	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Six Samples Received and Tested
# 5	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