

Ivcc Pvt Ltd
Lahore.(Const Of Starch Pack Green Field Kasur)

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

Client Reference: Nil
SOM Lab Ref: CED/SOM/312(Page-1/1)
Test: Tension Test & Bend Test
Sample Type: Deformed Bar

Dated: 16-05-2022
Dated: 16-05-2022
Test Specification: ASTM-A 615
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	4.007	25	25.48	491	510	259.20	326.20	528	509	665	640	32.5	200	16.3	
2	3.903	25	25.16	491	497	266.20	342.20	542	536	697	689	30.0	200	15.0	
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BEND TEST:

25mm	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

Athar Builders

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

Chief Executive, Lahore. (Project 26/C Liberty Market Gulberg III Lahore)

Client Reference: 0

SOM Lab

Ref:

306 (Page-1/1)

Dated: 13-05-2022

Dated:

16-05-2022

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	2.628	8	0.991	0.79	0.772	27.37	33.23	76410	78190	92770	94940	1.40	8.0	17.5	
2	2.603	8	0.987	0.79	0.765	27.42	33.28	76550	79060	92920	95950	1.20	8.0	15.0	
3	1.499	6	0.749	0.44	0.441	14.78	18.25	74090	73920	91460	91250	1.10	8.0	13.8	
4	1.503	6	0.750	0.44	0.442	14.78	18.45	74090	73750	92480	92060	1.00	8.0	12.5	
5	0.596	4	0.472	0.20	0.175	6.63	7.72	73070	83510	85100	97250	1.00	8.0	12.5	
6	0.601	4	0.475	0.20	0.177	6.73	7.75	74190	83830	85430	96530	0.90	8.0	11.3	
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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

UMT Lahore

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

(Ikram Amjad Trader & Engg Works).University Of Management And Technology Lahore.

Client Reference: Nil

SOM Lab

Ref:

307 (Page-1/1)

Dated: 16-05-2022

Dated:

16-05-2022

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	2.562	8	0.979	0.79	0.753	29.82	36.26	83240	87330	101230	106200	1.00	8.0	12.5	
2	1.549	6	0.761	0.44	0.455	20.25	23.24	101530	98180	116500	112660	0.90	8.0	11.3	
3	0.662	4	0.498	0.20	0.195	6.33	9.38	69810	71600	103420	106070	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

Bismillah Developers
 PO Bismillah Housing Scheme I Lahore.(Shadi Hall Building)

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

Client Reference: Nil

SOM Lab

Ref: 308 (Page-1/1)

Dated: 16-05-2022

Dated: 16-05-2022

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	1.489	6	0.747	0.44	0.438	13.15	18.86	65910	66220	94530	94960	1.30	8.0	16.3	
2	0.653	4	0.494	0.20	0.192	5.66	7.90	62390	64990	87120	90750	1.10	8.0	13.8	
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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

Deputy Director (Engg)

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

LDA, Lahore.(Const Of Mosque In LDA Avenue-I Housing Scheme,Lahore)

Client Reference: DD(ENGG.)/LDA/545

SOM Lab

Ref:

309 (Page-1/1)

Dated: 06-05-2022

Dated:

16-05-2022

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	2.654	8	0.997	0.79	0.780	26.22	35.39	73200	74130	98810	100070	1.20	8.0	15.0	
2	2.650	8	0.996	0.79	0.779	27.01	35.85	75420	76480	100090	101500	1.10	8.0	13.8	
3	1.484	6	0.745	0.44	0.436	13.27	18.55	66530	67140	92990	93850	1.20	8.0	15.0	
4	1.492	6	0.747	0.44	0.438	13.32	18.42	66780	67090	92330	92750	1.10	8.0	13.8	
5	0.689	4	0.507	0.20	0.202	6.17	8.56	68010	67340	94420	93490	1.40	8.0	17.5	
6	0.688	4	0.507	0.20	0.202	6.19	8.53	68230	67560	94090	93160	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

Sub Divisional officer,

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

BSD Pattoki.(Const. Of 20-Bedded Trauma Centre And Revamping Of T.H.Q Hospital Pattoki)

Client Reference: 844/P

SOM Lab

Ref: 310 (Page-1/1)

Dated: 23-04-2022

Dated: 16-05-2022

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	25.33	34.53	70720	70990	96390	96760	1.40	8.0	17.5	
2	2.652	8	0.996	0.79	0.779	24.97	34.12	69720	70710	95250	96590	1.50	8.0	18.8	
3	1.489	6	0.747	0.44	0.438	13.73	20.15	68830	69140	101020	101480	1.30	8.0	16.3	
4	1.492	6	0.747	0.44	0.438	13.53	20.15	67810	68110	101020	101480	1.20	8.0	15.0	
5	0.652	4	0.494	0.20	0.192	7.05	8.87	77790	81030	97800	101870	1.00	8.0	12.5	
6	0.652	4	0.494	0.20	0.192	7.14	8.82	78690	81970	97230	101290	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

Muhammad Azhar

Test Performed By:

Dr. /Engr. Asad Ali Gillani

RE,Barrage,IBC.(Rehabilitation And Modernization Of Islam Barrage)

Client Reference: IBC/RE/UET-009

SOM Lab

Ref: 311 (Page-1/1)

Dated: 14-05-2022

Dated: 16-05-2022

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (PAK 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	0.651	4	0.493	0.20	0.191	6.73	8.53	74190	77690	94090	98520	1.00	8.0	12.5	
2	0.655	4	0.494	0.20	0.192	6.09	7.95	67110	69910	87680	91330	0.90	8.0	11.3	
3	0.651	4	0.493	0.20	0.191	6.49	8.18	71610	74980	90150	94400	1.00	8.0	12.5	
4	0.654	4	0.494	0.20	0.192	6.14	8.15	67670	70490	89930	93680	1.10	8.0	13.8	
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Witnessed By: Shabbir Sandhu (IBC) & Adeel QC Manager (Pak Steel)

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

Assistant Exec. Engineer-IV

Test Performed By:

Dr. /Engr.

Wasim Abbas

CC Div No.II Pak P.W.D Lahore.(Const Of Officers Mess At NAB (L) Complex Lahore)

Client Reference: AEE-IV/CCD-II/LHR/129

SOM Lab

Ref:

314 (Page-1/1)

Dated: 14-05-2022

Dated:

16-05-2022

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	1.464	6	0.740	0.44	0.430	15.92	20.76	79810	81670	104080	106500	1.10	8.0	13.8	
2	1.495	6	0.748	0.44	0.439	14.58	19.16	73070	73230	96060	96280	1.20	8.0	15.0	
3	1.063	5	0.630	0.31	0.312	9.48	13.46	67450	67020	95730	95120	1.40	8.0	17.5	
4	1.069	5	0.632	0.31	0.314	9.73	13.73	69260	68380	97690	96440	1.20	8.0	15.0	
5	0.598	4	0.473	0.20	0.176	5.79	7.92	63850	72560	87340	99250	1.20	8.0	15.0	
6	0.600	4	0.473	0.20	0.176	5.78	7.97	63740	72430	87910	99890	1.10	8.0	13.8	
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BEND TEST:

6 Sample bend through 180 degrees Satisfactorily without any crack

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

Assistant Project Director,

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

PMU-SBP Sardodha.(Const Of Teh Sports Complex At Sargodha & Mini Sports Ground At Sillanwali)

Client Reference: ADP/PMU/SBP/SGD/351

SOM Lab

Ref: 315 (Page-1/1)

Dated: 27-04-2022

Dated: 16-05-2022

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	1.498	6	0.748	0.44	0.440	14.16	19.64	70970	70970	98460	98460	1.30	8.0	16.3	
2	1.501	6	0.749	0.44	0.441	14.22	19.64	71280	71120	98460	98240	1.20	8.0	15.0	
3	0.653	4	0.494	0.20	0.192	5.71	8.46	62950	65570	93300	97190	1.30	8.0	16.3	
4	0.649	4	0.493	0.20	0.191	5.68	8.31	62610	65560	91610	95930	1.40	8.0	17.5	
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BEND TEST:

# 6	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

Test Performed by: .S. Asad Ali Gillani

Khawaja Tauseef
Lahore.

Client Reference No.: Nil

Dated: 16-05-2022

SOM Lab Ref: CED/SOM/313 (Page 1/1)

Dated: 16-05-2022

Sample Type: Iron Piece (Raw Material)

Test Type: Hardness Test

Hardness Test Details:

Machine used: Avery Rockwell Hardness Testing Machine

(Minor Load: 10 Kgf Major Load: 90.0 kgf Scale: B)

Hardness Test Results

Sample No.	Sample Type	Hardness
1	Iron Piece (Raw Material)	HR – 83.16 – B

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