

Maj Adnan Khalid (R)

Test Performed By:

Dr. /Engr.

Wasim Abbas

Dy Dir MTL DHA Lhr,(Const. Of Mosque at Sec-G DHA Ph-V (M/s Waha Enterprises)

Client Reference: 408/241/32/Lab/17/12

SOM Lab 5701 (Page-

Ref: 1/1)

Dated: 16-01-2022

Dated: 20-01-2022

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (Agha 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	1.492	6	0.747	0.44	0.438	14.27	19.24	71540	71860	96420	96860	1.30	8.0	16.3	
2	1.502	6	0.749	0.44	0.441	14.34	19.34	71890	71730	96930	96710	1.20	8.0	15.0	
3	0.644	4	0.491	0.20	0.189	6.42	8.89	70820	74940	98020	103730	1.00	8.0	12.5	
4	0.670	4	0.501	0.20	0.197	7.19	9.25	79250	80460	101960	103510	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
# 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

Tamoor Zafar

Test Performed By:

Dr. /Engr.

S.Asad Ali Gillani

S. proprietor, Izzhar Construction Rawalpindi.(CMH Medical College Lahore)

Client Reference: Nil

SOM Lab

5702 (Page-

Ref:

1/1)

Dated: 19-01-2022

Dated:

20-01-2022

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	2.647	8	0.995	0.79	0.778	30.30	37.10	84580	85880	103590	105190	1.00	8.0	12.5	
2	2.715	8	1.008	0.79	0.798	29.26	36.70	81680	80860	102450	101420	1.00	8.0	12.5	
3	1.501	6	0.749	0.44	0.441	15.29	20.69	76640	76470	103720	103490	0.90	8.0	11.3	
4	1.507	6	0.751	0.44	0.443	15.04	20.69	75370	74860	103720	103020	1.10	8.0	13.8	
5	0.670	4	0.501	0.20	0.197	5.93	8.79	65420	66420	96900	98370	1.30	8.0	16.3	
6	0.670	4	0.501	0.20	0.197	5.93	8.82	65420	66420	97230	98720	1.40	8.0	17.5	
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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

Maj Adnan Khalid (R)

Test Performed By:

Dr. /Engr.

S. Asad Ali Gillani

Dy Dir MTL DHA Lhr,(Const. Of Security Det Mouza Rora DHA Ph-X (M/s Kissana Const Coy)

Client Reference: 408/241/32/Lab/21/18

SOM Lab

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Ref:

1/1)

Dated: 19-01-2022

Dated:

20-01-2022

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (Model 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	0.695	4	0.510	0.20	0.204	9.45	10.70	104200	102160	118030	115720	0.80	8.0	10.0	
2	0.687	4	0.507	0.20	0.202	8.84	10.35	97460	96490	114100	112970	0.80	8.0	10.0	
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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

Engr. Hasan Nawaz

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

CM Zameen Quadrangle.(Const. Of Zameen Quadrangle at Plot No.49,Gulberg-V Lahore)

Client Reference: ZD/ZQ/GSW/013

SOM Lab 5704 (Page-

Ref: 1/1)

Dated: 20-01-2022

Dated: 20-01-2021

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	0.590	4	0.469	0.20	0.173	6.14	8.79	67670	78230	96900	112020	1.00	8.0	12.5	
2	0.607	4	0.476	0.20	0.178	6.47	8.23	71380	80200	90720	101930	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

Israr Ullah Khan

Test Performed By:

Dr. /Engr.

S.Asad Ali Gillani

RE Nespak.(Const. of underpass Across Bedian Rd. Connecting Ph-VI with Ph-IX,DHA LHR)

Client Reference: 3790/102/IUK/UET/01/28

SOM Lab

5705 (Page-

Ref:

1/1)

Dated: 19-01-2022

Dated:

20-01-2022

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (FF 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	2.614	8	0.989	0.79	0.768	25.23	33.49	70440	72450	93490	96160	1.60	8.0	20.0	
2	2.616	8	0.990	0.79	0.769	22.22	29.07	62040	63730	81160	83380	1.70	8.0	21.3	
3	1.461	6	0.739	0.44	0.429	13.43	19.16	67290	69020	96060	98520	1.10	8.0	13.8	
4	1.448	6	0.736	0.44	0.426	13.48	19.22	67550	69770	96320	99480	1.20	8.0	15.0	
5	0.671	4	0.501	0.20	0.197	6.60	8.79	72730	73840	96900	98370	1.10	8.0	13.8	
6	0.670	4	0.501	0.20	0.197	6.54	8.79	72170	73270	96900	98370	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

M/S HA Consulting Jv

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

Mascon Associates,Punjab Model Bazaar Sheikhupura Pkg A

Client Reference: PMBA/22/001

SOM Lab

5706 (Page-

Ref:

1/1)

Dated: 20-01-2022

Dated:

20-01-2022

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	1.517	6	0.754	0.44	0.446	13.58	17.86	68060	67150	89520	88320	1.50	8.0	18.8	
2	1.493	6	0.748	0.44	0.439	15.75	19.52	78940	79120	97850	98070	1.40	8.0	17.5	
3	0.642	4	0.491	0.20	0.189	7.29	9.28	80370	85050	102290	108250	1.10	8.0	13.8	
4	0.651	4	0.493	0.20	0.191	7.00	9.02	77230	80870	99480	104170	1.10	8.0	13.8	
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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

KAY & EMMS (Pvt) Ltd.
Dhanola Millat Rd, Faisalabad

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

Client Reference: Nil

SOM Lab 5707 (Page-1/1)
Ref:

Dated: 20-01-2022

Dated: 20-01-2022

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	2.593	8	0.985	0.79	0.762	20.80	31.47	58060	60190	87850	91080	1.30	8.0	16.3	
2	1.442	6	0.735	0.44	0.424	15.41	19.49	77260	80170	97690	101380	1.10	8.0	13.8	
3	0.650	4	0.493	0.20	0.191	6.85	8.77	75540	79100	96670	101230	0.90	8.0	11.3	
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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	
# 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

M.Nadeem Zafar Ullah

Test Performed By:

Dr. /Engr.

S Asad Ali Gillani

Incharge (Civil),Sui Northern Gas Pipelines Ltd.(Const. of Store Shed at Regional Distribution Office)

Client Reference: CC/S.Shed/Lhr/01

SOM Lab

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Ref:

1/1)

Dated: 20-01-2022

Dated:

20-01-2022

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	2.690	8	1.004	0.79	0.791	25.35	35.85	70780	70690	100090	99960	1.30	8.0	16.3	
2	0.657	4	0.496	0.20	0.193	6.32	8.43	69700	72220	92960	96340	1.10	8.0	13.8	
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BEND TEST:

# 8	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

Jamil Waris

Imperium Hospitality (Pvt) Ltd. Lahore.

Test Performed By:

Dr. /Engr.

S.Asad Ali Gillani

Client Reference: IHPL/Steel/0167

Dated: 20-01-2022

Test: Tension Test & Bend Test

Gauge Length: 8 inch

Test Specification:

Sample Type:

SOM Lab

Ref:

Dated:

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20-01-2022

ASTM-A-615

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	0.666	4	0.500	0.20	0.196	6.57	9.70	72510	73990	107010	109200	1.00	8.0	12.5	
2	0.667	4	0.500	0.20	0.196	7.34	9.76	80940	82590	107580	109770	1.00	8.0	12.5	
3	0.668	4	0.500	0.20	0.196	7.44	9.96	82060	83730	109820	112070	1.00	8.0	12.5	
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Witnessed By:

Engr.Rafi Ullah (IHPL) & Engr. Ali Hassain Khan (K.B)

BEND TEST:

# 4	Sample bend through 180 degrees Satisfactorily without any crack	<p>Note:-</p> <p>Only Five Samples Received and Tested</p>
# 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

Jamil Waris
Imperium Hospitality (Pvt) Ltd. Lahore.

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

Client Reference: IHPL/Steel/0168
Dated: 20-01-2022
Test: Tension Test & Bend Test
Gauge Length: 8 inch

SOM Lab 5710 (Page-2/2)
Ref: 20-01-2022
Dated: 20-01-2022
ASTM-A-615
Deformed Bar

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	0.680	4	0.505	0.20	0.200	6.24	8.46	68800	68800	93300	93300	1.20	8.0	15.0	
2	0.666	4	0.500	0.20	0.196	6.14	8.28	67670	69050	91280	93140	1.20	8.0	15.0	
3	0.661	4	0.497	0.20	0.194	6.65	8.87	73290	75560	97800	100820	1.20	8.0	15.0	
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Witnessed By: Engr.Rafi Ullah (IHPL) & Engr. Ali Hassain Khan (K.B)

BEND TEST:

# 4	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Five 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

Muhammad Nadeem Khan
ME ECSP,(Construction Of MPA`S Hostel Lahore,Ph-II)

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

Client Reference: 340/ECSP/MPA/ME/03

SOM Lab 5711 (Page-

Ref: 1/1)

Dated: 12-01-2022

Dated: 20-01-2022

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	2.628	8	0.991	0.79	0.772	24.49	34.61	68360	69950	96620	98870	1.20	8.0	15.0	
2	2.628	8	0.991	0.79	0.772	24.03	34.07	67080	68640	95110	97330	1.10	8.0	13.8	
3	1.510	6	0.752	0.44	0.444	13.07	18.88	65510	64920	94630	93780	1.20	8.0	15.0	
4	1.509	6	0.751	0.44	0.443	12.97	18.86	65000	64560	94530	93890	1.40	8.0	17.5	
5	0.658	4	0.496	0.20	0.193	6.01	8.48	66320	68730	93530	96920	1.30	8.0	16.3	
6	0.659	4	0.497	0.20	0.194	6.01	8.51	66320	68370	93860	96770	1.30	8.0	16.3	
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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

Muhammad Nadeem Khan
ME ECSP,(Construction Of MPA`S Hostel Lahore,Ph-II)

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

Client Reference: 340/ECSP/MPA/ME/04

SOM Lab 5712 (Page-

Ref: 1/1)

Dated: 12-01-2022

Dated: 20-01-2022

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	2.633	8	0.993	0.79	0.774	26.10	34.61	72850	74360	96620	98610	1.10	8.0	13.8	
2	2.642	8	0.994	0.79	0.776	23.98	32.82	66940	68140	91640	93290	1.20	8.0	15.0	
3	1.489	6	0.747	0.44	0.438	12.61	18.73	63210	63500	93860	94290	1.30	8.0	16.3	
4	1.487	6	0.746	0.44	0.437	12.66	18.78	63460	63900	94120	94760	1.40	8.0	17.5	
5	0.654	4	0.494	0.20	0.192	6.07	8.07	66890	69670	89030	92740	1.30	8.0	16.3	
6	0.659	4	0.497	0.20	0.194	6.47	8.53	71380	73590	94090	97000	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

Engr. Imran Saddique
P & CE, Ittefaq Building Solutions Pvt.Ltd, Lahore.

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

Client Reference: Nil

SOM Lab 5714 (Page-

Ref: 1/1)

Dated: 20-01-2022

Dated: 20-01-2022

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	1.054	5	0.628	0.31	0.310	9.40	13.20	66870	66870	93920	93920	1.20	8.0	15.0	
2	1.062	5	0.630	0.31	0.312	9.33	13.25	66360	65930	94280	93680	1.20	8.0	15.0	
3	0.639	4	0.489	0.20	0.188	6.24	8.36	68800	73190	92180	98060	1.00	8.0	12.5	
4	0.641	4	0.489	0.20	0.188	5.98	8.38	65990	70200	92400	98300	1.20	8.0	15.0	
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BEND TEST:

# 5	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

Muhammad Nasim

Test Performed By:

Dr. /Engr.

S. Asad Ali Gillani

AE B&R For GE (Army)-II LRC.(Const. Of 1x 128 Men SM Bk, 25 Cav, 11Div Lhr)(M/S Mureed Inter.)

Client Reference: 6003/31/E6

SOM Lab

5715 (Page-

Ref:

1b/1)

Dated: 18-01-2022

Dated:

20-01-2022

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	12.41	19.13	62190	62470	95910	96340	1.30	8.0	16.3	
2	1.511	6	0.752	0.44	0.444	12.33	19.32	61830	61270	96830	95950	1.50	8.0	18.8	
3	0.637	4	0.488	0.20	0.187	5.02	7.49	55310	59150	82620	88370	1.10	8.0	13.8	
4	0.634	4	0.487	0.20	0.186	5.05	7.49	55650	59830	82620	88840	1.30	8.0	16.3	
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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

Muhammad Nasim

Test Performed By:

Dr. /Engr.

S. Asad Ali Gillani

AE B&R For GE (Army)-II LRC.(Const. Of 1x 128 Men SM Bk, 25 Cav, 11Div Lhr)(M/S Mureed Inter.)

Client Reference: 6003/31/E6

SOM Lab

5715 (Page-

Ref:

1a/1)

Dated: 18-01-2022

Dated:

20-01-2022

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	2.697	8	1.005	0.79	0.793	24.74	38.12	69070	68810	106430	106030	1.10	8.0	13.8	
2	2.673	8	1.000	0.79	0.786	24.57	37.82	68590	68930	105580	106120	1.30	8.0	16.3	
3	1.018	5	0.617	0.31	0.299	9.65	15.21	68680	71210	108200	112180	1.20	8.0	15.0	
4	1.024	5	0.619	0.31	0.301	9.89	15.41	70350	72450	109650	112930	1.00	8.0	12.5	
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BEND TEST:

8 Sample bend through 180 degrees Satisfactorily without any crack

5 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

Test Performed by: .S. Asad Ali Gillani

Maj
OIC
Immad Khan
Armament & Vehicle Group C/O Army Stores Inspection Depot Lahore Cantt.

Client Reference No.: AVG/C-22/E/2020/LID

Dated: 20-01-2022

SOM Lab Ref: CED/SOM/5708 (Page 1/1)

Dated: 20-01-2022

Test Type: Load Test

Sample Type: Lashing Chain

Load Test Results

Sample No.	Mark	Sample Type	Ultimate Breaking Load (kN)	Ultimate Breaking Load (Tons)
1	A	Lashing Chain	578.0	58.9
2	B	Lashing Chain	529.0	53.9

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

Test Performed by: .S. Asad Ali Gillani

Muhammad Azam
Director, Technofire (Pvt.)Ltd.
Raiwind Road Lahore.

Client Reference No.: PCSIR/TFPL/TR/2022-22

Dated: 20-01-2022

SOM Lab Ref: CED/SOM/5713 (Page 1/1)

Dated: 20-01-2022

Test Type: Load Test

Sample Type: M.S. Ring

Load Test Results

Sample No.	Sample Type	Ultimate Load (KN)	Remarks
1	M.S. Ring	100.7	Ring Failure

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