

Ayyaz Ali
Interlink Mobile Accessories

Test Performed By: Dr. /Engr.

S. Asad Ali
Gillani

Client Reference: Nil

Dated: 05-10-2020

Test: Tension Test & Bend Test

Gauge Length: 8 inch

Test Specification:

Sample Type:

SOM Lab

Ref: 3041(Page-1/1)

Dated: 05-10-2020

ASTM-A-615

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	1.487	6	0.746	0.44	0.437	13.78	19.44	69080	69560	97440	98110	1.20	8.0	15.0	
2	1.482	6	0.745	0.44	0.436	13.83	19.52	69340	69970	97850	98750	1.40	8.0	17.5	
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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

Maj Adnan khalid®

Test Performed By: Dr. /Engr.

S. Asad Ali
Gillani

Dy Dir MTL, Proposed Commercial Plaza, DRGCC Ph-III, DHA Ph-VI, (M/S Construct)

Client Reference: 408/241/E/Lab/993/6104

SOM Lab

Ref: 3042(Page-1/1)

Dated: 01-10-2020

Dated: 05-10-2020

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

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	0.693	4	0.510	0.20	0.204	7.31	9.19	80600	79020	101390	99410	1.10	8.0	13.8	
2	0.645	4	0.492	0.20	0.190	6.44	9.02	71040	74780	99480	104720	1.00	8.0	12.5	
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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

Project Manager

Test Performed By:

Dr. /Engr.

S. Asad Ali
Gillani

Japan Center, Peco Road Near Pindi Stop, 57-A1 Township Lahore

Client Reference: nil

SOM Lab

Ref: 3043(Page-1/1)

Dated: 05-10-2020

Dated: 05-10-2020

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	2.621	8	0.990	0.79	0.770	27.22	39.55	75980	77960	110420	113290	1.00	8.0	12.5	
2	0.667	4	0.500	0.20	0.196	7.16	9.40	78910	80520	103640	105760	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
# 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

Ammar Chaudhary

Assistant Resident Engineer, Asian Consulting Engineers Pvt. Ltd.

Test Performed By:

Dr. /Engr.

S. Asad Ali
Gillani

Client Reference: AsCE-PMDFC-KAM-ARE-007

Dated: 28-09-2020

Test: Tension Test & Bend Test

Gauge Length: 8 inch

Test Specification:

Sample Type:

SOM Lab

Ref: 3047(Page-1/1)

Dated: 05-10-2020

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	0.627	4	0.484	0.20	0.184	6.54	8.38	72170	78440	92400	100440	1.20	8.0	15.0	
2	0.638	4	0.488	0.20	0.187	6.70	8.41	73850	78990	92740	99190	1.30	8.0	16.3	
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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

Tahir Mehmood

Test Performed By:

Dr. /Engr.

S. Asad Ali Gallni

Chief Engineer, New Lahore City,(Const: of O.H.W.T No. 01 (Cap. 100.000 Gallons)NLC Phade-IV)

Client Reference: NLC/CE/Infra/036

SOM Lab

3048 (Page-

Ref:

1/1)

Dated: 05-10-2020

Dated:

05-10-2020

Test: Tension Test & Bend test

Test Specification:

ASTM-A-615

Guage Length: 8 inch

Sample Type:

Deformed Bar(AFCO 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	2.618	8	0.990	0.79	0.769	26.68	35.42	74480	76510	98890	101590	1.30	8.0	16.3	
2	2.628	8	0.991	0.79	0.772	27.19	35.88	75900	77670	100170	102510	1.20	8.0	15.0	
3	1.466	6	0.741	0.44	0.431	14.02	18.86	70260	71720	94530	96500	1.00	8.0	12.5	
4	1.462	6	0.740	0.44	0.430	13.91	18.98	69750	71370	95140	97350	1.20	8.0	15.0	
5	1.156	5	0.658	0.31	0.340	11.47	14.85	81590	74390	105670	96340	1.00	8.0	12.5	
6	1.154	5	0.657	0.31	0.339	10.88	14.58	77380	70760	103710	94840	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	
# 5	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

Kashmir Art & Steel
 General Order Supplier, Bank Road Muzaffarabad

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

Client Reference: Nil
 Dated: 05-10-2020
 Test: Tensile Test
 Guage Length: 50 mm

SOM Lab Ref: 3045(Page-1/1)
 Dated: 05-10-2020
 Test Specification: ASTM A-82
 Sample Type: H T Wire

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	0.210	6	5.86	28.27	27.00	19.70	23.50	697	730	831	871	7.5	50	15.0	
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BEND TEST:

--	No Bend test performed	Note:- Only One Sample Received and Tested

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

Kashmir Art & Steel
General Order Supplier, Bank Road Muzaffarabad

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

Client Reference: Nil

SOM Lab Ref:

3046(Page-1/2)

Dated: 05-10-2020

Dated:

05-10-2020

Test: Tensile Test

Test Specification:

ASTM A-82

Guage Length: 50 mm

Sample Type:

H T Wire

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	0.210	6	5.86	28.27	27.00	20.30	24.00	718	752	849	889	7.5	50	15.0	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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BEND TEST:

--	No Bend test performed	Note:- Only One Sample Received and Tested

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

Kashmir Art & Steel
General Order Supplier, Bank Road Muzaffarabad

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

Client Reference: Nil

SOM Lab Ref:

3046(Page-2/2)

Dated: 05-10-2020

Dated:

05-10-2020

Test: Tensile Test

Test Specification:

ASTM A-82

Guage Length: 50 mm

Sample Type:

H T Wire

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	0.210	6	5.86	28.27	27.00	19.70	21.00	697	730	743	778	7.5	50	15.0	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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BEND TEST:

--	No Bend test performed	Note:- Only One Sample Received and Tested

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