Test Performed by: Dr. Syed Asad Ali Gilani

Jun Heo/Project Manager
LS Networks / LS Cable & System (Consortium)
Karachi.
(LESCO Reconductoring Project Lahore Region)

Client Reference No.: LSK-KKT-250701 Dated: 01-07-2025

SOM Lab Ref: CED/SOM/1444 (P-1/1) Dated: 02-07-2025

Test Type: Load Test

Sample Type: Earthwire dead-end bodies

Load Test:

S No	Sample Type	Ultimate Load (kN)	Remarks
1	Earthwire dead-end bodies	53.7	Earthwire slip out from the dead-end assembly
Note: Please always confirm the results of above report on web www.uet-civil.edu.pk			

Adnan Jamil (Civil Engineer) **Test Performed By:** **Dr. /Engr.** Asad Ali Gillani

National Management Foundation Lhr.(Const. of Yusaf Shirazi Complex at Lums Campus)

Client Reference: NMF/GM/C-39/887 **Dated:** 01-07-2025

SOM Lab Ref: CED/SOM/1445(Page-1/1) **Dated:** 02-07-2025

Test: Tension Test & Bend Test **Test Specification:** ASTM-A 615

Sample Type: Deformed Bar **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	0.984	12	12.62	113	125	61.20	80.90	541	490	715	648	30.0	200	15.0	
2	0.982	12	12.62	113	125	62.20	81.50	550	498	721	652	32.5	200	16.3	
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BEND TEST:

12mm	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

Mr. Omair Sadiq
PM Tokyo Hospital Gujranwala.

Test Performed By: **Dr. /Engr.** Nauman Khurrram

Client Reference: THG/OS/2025/09
Dated: 02-07-2025

SOM Lab Ref: 1443 (Page-1/1)
Dated: 02-07-2025

Test: Tension Test & Bend Test
Gauge Length: 8 inch

Test Specification: ASTM-A-615
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	1.061	5	0.630	0.31	0.312	10.62	14.14	75570	75090	100590	99940	0.90	8.0	11.3	
2	1.052	5	0.627	0.31	0.309	10.55	14.22	75060	75310	101170	101500	1.20	8.0	15.0	
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BEND TEST:

# 5	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

Zaheer Uz Zaman
Site Incharge Naturals Farms Faisalabad.

Test Performed By: **Dr. /Engr.** Nauman Khurram

Client Reference: Nil
Dated: 02-07-2025

SOM Lab
Ref: 1446 (Page-1/1)
Dated: 02-07-2025

Test: Tension Test & Bend Test
Gauge Length: 8 inch

Test Specification: ASTM-A-615
Sample Type: Deformed Bar (Mughal 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	2.644	8	0.995	0.79	0.777	26.32	35.24	73480	74710	98380	100030	1.60	8.0	20.0	
2	2.638	8	0.993	0.79	0.775	26.27	34.96	73340	74760	97610	99500	1.50	8.0	18.8	
3	1.489	6	0.747	0.44	0.438	13.91	18.50	69750	70070	92740	93160	1.60	8.0	20.0	
4	1.483	6	0.745	0.44	0.436	13.86	18.73	69490	70130	93860	94720	1.60	8.0	20.0	
5	0.649	4	0.493	0.20	0.191	6.09	8.21	67110	70270	90490	94750	1.30	8.0	16.3	
6	0.652	4	0.494	0.20	0.192	6.14	8.43	67670	70490	92960	96840	1.10	8.0	13.8	
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BEND TEST:

# 8	Sample bend through 180 degrees Satisfactorily without any crack
# 6	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 Tested

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

Faisal Bhaitti **Test Performed By:** **Dr. /Engr.** Nauman Khurram

PM Project Ittefaq Building Solution Pvt Ltd.(Haider Saeed Commercial,Lahore)

SOM Lab

Client Reference: Nil **Ref:** 1447 (Page-1/1)

Dated: 02-07-2025 **Dated:** 02-07-2025

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	2.641	8	0.994	0.79	0.776	22.34	32.16	62380	63510	89790	91410	1.60	8.0	20.0	
2	1.478	6	0.743	0.44	0.434	12.74	18.50	63870	64750	92740	94020	1.60	8.0	20.0	
3	0.644	4	0.491	0.20	0.189	6.09	8.56	67110	71020	94420	99920	1.10	8.0	13.8	
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BEND TEST:

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

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