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# Policy Newsletter

## August 2024

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# Policy Updates – Major Policy Updates



Ref	Issue	Title
CP411 Pt 1 N	Iss_20	LV Cable Jointing Manual
CP421-1 D3	Iss_11	Fault Work, Maintenance and Refurbishment of Overhead Lines - Strategy
CP421-4 D2	Iss_12	Fault Work, Maintenance and Refurbishment of Overhead Lines – LV Mains Supported by Poles
CP421-5 D4	Iss_14	Fault Work, Maintenance and Refurbishment of Overhead lines – HV Mains Supported by Poles

# Policy Updates – Major Policy Updates



Ref	Issue	Title
ES281	Iss_14	Company-Specific Appendices to ENA Engineering Recommendation G81
ES400 C13	Iss_7	Multipair & Multicore Auxiliary Cables
ES400 C14	Iss_7	132kV Cables with XLPE Insulation
ES400 D4	Iss_6	Plastic Ducts, Conduit & Accessories

# Policy Updates – Minor Policy Updates



Ref	Issue	Title
ES400 C9	Iss_9	11kV Distribution Cables
ES400 C11	Iss_8	Low Voltage Mains Cables
ES400 O4	Iss_4	LV ABC Overhead Lines and Services
ES400 W2	Iss_10	Wood Poles and Miscellaneous Wooden Items
CP608	Section 9	Parallel Matrices

# Major Policy Updates





- Section 1 - General Requirements
- Section 2 – Standard Techniques on preparation of waveform , consac and pilc mains cables.
- Section 4 - Approved Tool Index
- Addition of the Klauke Insulated powered cable cutter as an Approved method for cutting live cores on mains cable conductors.
- Standard Technique 13.5
- Addition of notes on the “Alt-HAN” unit which is now being fitted with smart meters.





CP421-1 D3 - Fault Work, Maintenance and Refurbishment of Overhead Lines - Strategy

CP421-4 D2 - Fault Work, Maintenance and Refurbishment of Overhead lines – LV Mains Supported by Poles

CP421-5 D4 Fault Work, Maintenance and Refurbishment of Overhead lines – HV Mains Supported by Poles



See next slide for updates.

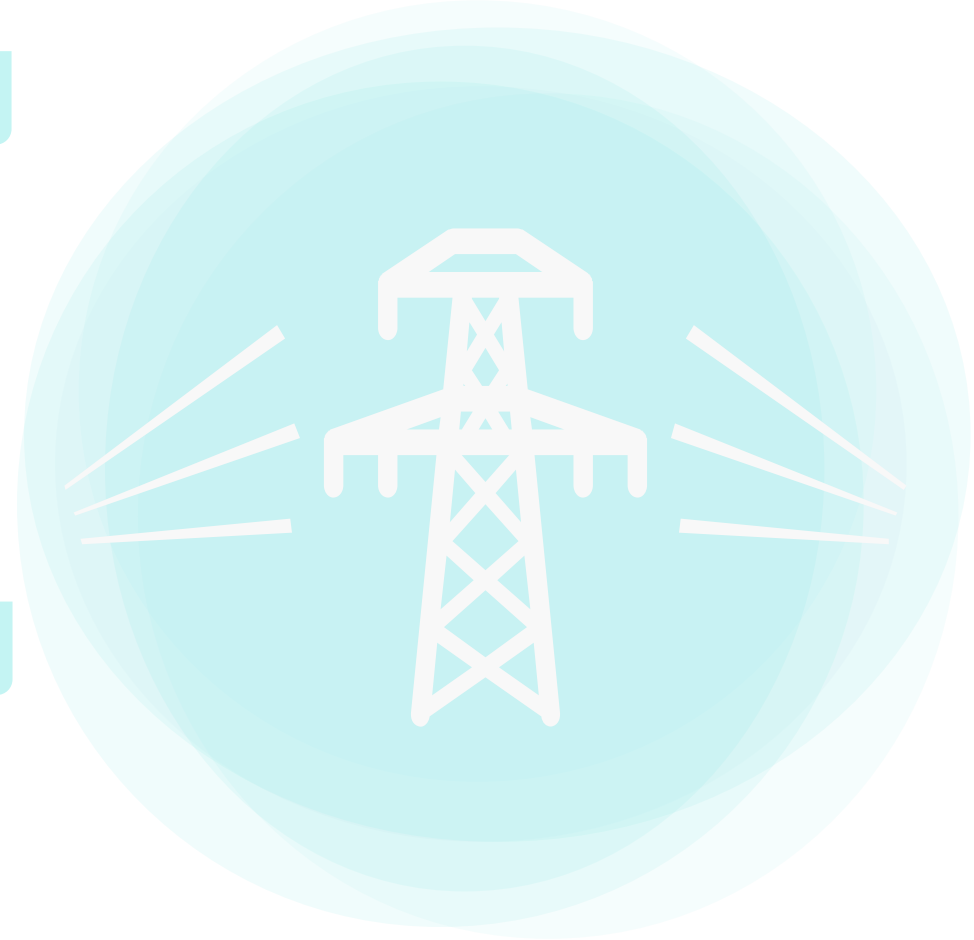


## CP421-1

- Further detail has been added to section 1.2 & section 3.3.2 for timescales of Resistograph testing and determining the Residual Factor of Safety of a pole. A new section 3.3.3 has been moved from CP421-3/4/5 for pole problems (faults). Requirement for Mural Wiring inspection has been added to Table 1.

## CP421-5

- The detail on pole problems (fault) in section 4.2.1 has been moved to CP421-1. Porcelain Insulator when changed are to be replaced with Polymeric Insulator in section 4.1 & 6.6.







Document covering part 2&5 updated to remove date reference for approved material spreadsheet – so it does not require updating every time we update the spreadsheet.

The approved Materials Spreadsheet has been updated as follows:

- Approved supplier for marker tapes corrected to Centriforce (was Cowans)
- Simplification of all joints, terminations for 1kv to 33kv – individual products removed and replaced with one line referring to the relevant CP for details on each approved product.
- Fibre Sub ducts added
- LV Wiring added





(In preparation for Cable Tender)

- Specification updated to latest ES template with consolidated standard text for approvals and testing.
- Combined power and data cable added
- Removal of requirement for waterproof compound over galvanised steel armour wires in multicore and multipair versions.
- Addition of requirement for LV multicore cables to be BASEC approved
- Commodity Codes for all current approved cable types added in Appendix A





- Specification updated to latest ES template with consolidated standard text for approvals and testing.
- Update on specification for grade of Aluminium used in SWAS cables.
- Cable Construction requirements of designs with foil and copper wire screens updated to specify minimum cross-sectional area of copper wires to be minimum 285mm<sup>2</sup>.





(In preparation for Tender)

The following items have been added to the specification, which are not purchased directly by ENWL but are sourced by contractors / ICPs for use on our network:

- High strength PVC Accessories added
- SDR 11 Ducts for HDD installations added

The following items have been added to the specification following consultation with Chris Roberts and Karen Diprose.

- Fibre Optic sub ducts added



# Minor Policy Updates





- Specification updated to latest ES template with consolidated standard text for approvals and testing.
- No technical changes have been made, only minor editorial and formatting improvements.





- Specification updated to latest ES template with consolidated standard text for approvals and testing.
- No technical changes have been made, only minor editorial and formatting improvements.





- Pagination issue corrected.
- No technical changes have been made, only minor editorial and formatting improvements.







- Update to new ES document format
- Pagination issue corrected.
- No technical changes have been made, only minor editorial and formatting improvements.





- Routine update to paralleling matrices.

