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# Policy Newsletter

## January 2023

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# January policy updates



Ref	Issue	Title
Plant Modification 727	1	P&B VOR-M Vacuum Circuit Breakers Capacitor Replacement
CP421-5	10	Maintenance and Refurbishment of Overhead Lines – HV Mains Supported by Poles
CP503	4	Guidance Notes for Meter Operators Working at Service Terminations
CP614	33	Authorisation Manual
CP430 Pt1	3	Linesmen's Manual – Woodpole
CP608	20	System Control Manual
EPD050	6	Principles of Asset Data Management
EPD307	23	Equipment Approved for Use on Electricity North West Network

# January policy updates



Ref	Issue	Title
ES281	11	Company Specific Appendixes to G81
ES400HR1	3	Working at Height Safety Equipment
ES403	2	High Voltage Live Line Tools
CP601	14	Supply Restoration and Fault Management
EPD006	3	Business Continuity Management System
ES400F2	3	Specification for Steel Tower Fall-Arrest System
ES400N1	9	Notices and Nameplates, Associated Fixings and Marker Posts – Overhead Lines
ES400O4	3	LV ABC Overhead Lines and Services
ES400O4a	2	LV Mural Wiring (ABC Main and LV Service)

# Major policy updates



# CP421-5 – Maintenance and Refurbishment of Overhead Lines – HV Mains Supported by Poles



- Review the of PURL test on poles with a 'D' notice, completed at inspection, to determine residual strength and recording any change in replacement strategy as per CP421-1.

### 5.5 Conductors

Conductors shall only be repaired (maintenance) or replaced (refurbished) if there is obvious damage, for example severely damaged insulation, broken strands, bird caging, severe abrasion or severe metal corrosion due to arcing (conductor clashing).

Damaged conductors that are suitable for repair shall be repaired (maintenance). Note that only approved full tension fittings shall be used to join sections of conductor that will be under line tension.

### 5.6 Insulators (including Helical Ties)

Maintenance comprises replacing individual ties when necessary.

### 5.7 HV Fuses

Pfisterer HV fuse carriers shall be replaced where the grey coating has been lost and the white fibre glass tube is visible anywhere along the length of the fuse tube.

Nov 22

### 5.8 LV Fuses

Maintenance comprises:

- Ensuring any LV fuses less than 4.3m above datum level has a fuse holder or blank in place.
- Filling gaps with insulating putty, where grommets are missing from the cable entry points of fuse carriers, which are less than 4.3m above the datum.
- Replacing damaged or cracked fuse units below 4.3m from the datum. If the fuses are below 4.3m above the datum, all LV tails shall be effectively insulated.

### 5.9 Bonding

Maintenance of bonding comprises repairing damaged, inadequate or missing bonding, for example, the king wire from a stay.

### 5.10 Earthing

Combined LV and HV earthing at a PMT shall be separated and shall comply with CP420 Part 1 Chapter 21.

Earth break points (connection point, disconnection point, test point, earth bracket, earth nib, etc) that are too low shall be covered and raised above the ACD during planned shutdowns. This is to prevent them from being used as climbing aids (refer to CP420 Part 1 Chapter 15A).

### 5.11 Cable Guards (including Earth Guards)

The following rules apply to cable guards and earth guards:



Replacement of Pfisterer HV fuse carriers based on condition HV Fuses.



## Code of Practice 421-5

Issue 10 November 2022

## Maintenance and Refurbishment of Overhead lines – HV Mains Supported by Poles





## Various changes and several new codes added inline with business needs:

Code 100	New Cut out code for remediation of fused neutrals.
Code 116	Minor change to wording to clarify it allows for testing of bottom side of cut out.
Code 125	Minor change to clarify the experience required prior to holding the code
Code 135	New Code for Tree cutting work adjacent to live overhead lines up to 11kV
Code 136	New Code for Tree cutting work adjacent to live overhead lines up to 11kV working from ground only
Code 149	Change reference from CP306 Module FM9 001, FM9 002 to CP306 Module FM9 004
Code 155	New Code for LV service jointing (live working – excluding mains service jointing)
Codes 181+184	Minor changes to qualifications and to include Vegetation Trainer in the interview
Code 196	New Code to allow Tree cutting work adjacent to live overhead lines up to 132kV working from ground only
Code 197	New Code to allow Tree cutting work adjacent to dead overhead lines (team member) working from ground only.
Code 301	Previously this code covered LSAP for both ENWL and CNS but with different requirements. Code is now split with CNS covered in Codes 415 and 416
Code 305	Incorporated into code 415. Code now blank
Code 415	Limited Senior Authorised Person - Limited to plant maintenance up to 11kV on COMA networks having only one HV point of supply.
Code 416	LSAP limited to plant maintenance up to 11kV on COMA customers plant but excluding work in exposed LV and HV conductor sites and systems with LV interconnection or ENW LV network connections. Includes planned switching on ground mounted Electricity North West equipment to release the COMA plant for work
Code 407	New Code - CNS Field Control Engineer on systems up to 11kV (Limited to pre-arranged work only) (ground mounted switchgear only)



## Code of Practice 614

Issue 33 December 2022

## Authorisation

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### Approved for issue by the Technical Policy Panel

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# Minor policy updates





## **CP430 Pt1 – Linesmen’s Manual – Woodpole**

- New approved harness.

## **CP608 – System Control Manual**

- Issue 20 – approved in Nov 22 to include OP82 Skelmersdale ALRS Scheme.
- Issue 21 – approved in Dec 22 to include OP83 – Hutton Auto Switching Scheme.

## **EPD307 – Equipment Approved for Use of Electricity North West Network**

- Sections A3 and A4 updated to include Toshiba Ground Mounted Distribution Transformers and Kyte Powertech Tier 2 Eco Directive compliant transformers. Section A3 updated to cover iST Borrowdale Replacement Transformers.





## **ES281 – Company Specific Appendixes to G81**

- Update of Underground Link Box reference to latest Sicame version.

## **ES400HR1 – Working at Height Safety Equipment**

- New approved harness.

## **ES400O4a – LV Mural Wiring (ABC Main and LV Service)**

- New template applied.



## **ES400F2 – Specification for Steel Tower Fall-Arrest System**

- New template applied.

## **ES400N1 – Notices and Nameplates, Associated Fixings and Marker Posts – Overhead Lines**

- New template applied.

## **ES400O4 – LV ABC Overhead Lines and Services**

- New template applied.