

# Policy Newsletter

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# Policy updates – major policy updates

Ref	Issue	Title
ES400 E5	Iss_10	Installation and Repair of Underground Cables Operating at 33kV and 132kV

Ref	Issue	Title
CP319	Iss_3	Applied HV Test Requirements
ES334	Iss_7	HV and LV Fuse Links
CP411 Pt 2	Iss_6	ST2 – Spiking of Cables Using the Acvoke Cable Spiking Gun
ES400 C14	Iss_8	132kV Cables with XLPE Insulation

# Major policy updates

### **ES400 E5 – Installation and Repair of Underground Cables Operating at 33kV and 132kV**

This update is in conjunction with updates to procedures **33J\_112** and **33J\_113** in CP412, set for review in the August policy approval process.

The update intends to limit the use of heat shrink wraparound sleeves and add in requirement that dispensation from P&S is required before they can be used in place of the standard resin encapsulation.

The text in the joint bay section 6.4 has been amended to the following text:

All 33kV joints shall be totally encapsulated by resin. In certain circumstances, there may be physical restrictions or other engineering difficulties in fitting a plastic shell for resin encapsulation. In these cases, the use of a reinforced heat shrink wraparound sleeve for outer protection is permitted following approval from ENWL Policy & Standards. Any requirement to use the heat shrink sleeves shall be fully justified including any additional mitigation measures to be used to ensure mechanical protection is maintained.

In addition, reference to the base specification ENA TS 09-02 has also been updated to reflect the latest issue of this ENA document.

# Minor policy updates



### **CP319 – Applied High Voltage Test Requirements**

The document has been updated to clarify the use of the 5kV megger and to correct some diagram issues.

### **ES334 – HV and LV Fuse Links**

Document converted into new template and updated to reflect details of fuses currently in use and latest standards.

### CP411 Pt 2 –Spiking of Cables Using Acvoke Cable Spiking Gun

The highlighted text shown below has been deleted (as it is incorrect).

~~**Purple Clamp for Polymeric Triplex Cables**  
Suitable for Polymeric triplex cables up to  
400mm<sup>2</sup>.~~

~~Acvoke Part No. 2241~~

- ~~• Use only Yellow cartridges with this clamp.~~
- ~~• Triplex cables are spiked in trefoil  
arrangement (circuit)~~
- ~~• Reversible clamp~~
- ~~• 185 to 400 mm<sup>2</sup> triplex use wider insert.~~



The requirement for ENWL commodity code on the drum label has been removed as these cables are not stock items and are normally produced per project and do not have a commodity code.

The following text has been removed:

Each drum shall bear a unique distinguishing number either branded or chiselled on the outside of at least one flange, and the direction for rolling shall be indicated by an arrow. In addition, the following particulars of the cable shall be displayed on a label fixed on one flange of the drum:

- **ENWL commodity code (as stated on individual Purchase Order);**
- Name of manufacturer.

And replaced with:

Each drum shall bear a unique distinguishing number either branded or chiselled on the outside of at least one flange, and the direction for rolling shall be indicated by an arrow. In addition, the following particulars of the cable shall be displayed on the label fixed on one flange of the drum:

- **ENWL Project reference/ Purchase Order No.**
- Name of manufacturer



**NOTE:** As 132kV cables are ordered on a project specific basis, the requirement in ES001 to include an ENWL Commodity Code in any packaging is excluded for these cable types.