Policy Newsletter

April 2026

Policy updates – major policy updates

Ref	Issue	Title
CP411 Pt 2	Section 0 – Iss_2	HV Cable Jointing Manual
CP412	Section 0 – Iss_2	33kV Solid Cable Jointing Manual
CP423	Section 2 – Iss_8	Linesmen's Manual – Live Line Working
	Section 3 – Iss_6	

CP411-2: HV cable jointing

SP Electricity North West

Section 0: Introduction

Removal of reference to Section 6 Index in CP structure – this no longer required in electronic document format as we can use SharePoint search feature.
Update of defects reporting process to new online reporting form.

Section 5 : Miscellaneous Instructions

5 new instruction added for nonstandard cable design jointing.

Section 4: Tools & Equipment Index

Pica markers & new Ripley stripping Tool added.

Section 6: CP Index

Entire section to be archived as redundant now due to SharePoint search feature.

Occasionally, we come across cable designs which are not covered in our standard instructions.

Based on experience and learning from jointing work previously carried out on these unusual arrangements, these miscellaneous instructions have been drafted to help with any future work where similar cables are encountered.

Some examples of non-standard HV cable arrangements:

1) We have several designs of "submarine cables", e.g. connecting across Lake Windermere and Walney Island, etc. These need to be jointed onto our standard triplex cables.

2) In Carlisle, we have some 2-core HV cables – our transition joint had to be adapted to stub one of the triplex cores.

CP412: 33kV solid insulated cable jointing

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We've tidied up CP412 and added a new 630-800mm straight joint kit.

Section 0: Introduction

Removal of reference to Section 6 Index in CP structure – this no longer required in electronic document format as we can use SharePoint search feature.
Update of defects reporting process to new online reporting form.

Section 3 : Instructions

Instruction for a new Approved Prysmian polymeric straight joint 630-800sqmm added.

Section 6: CP Index

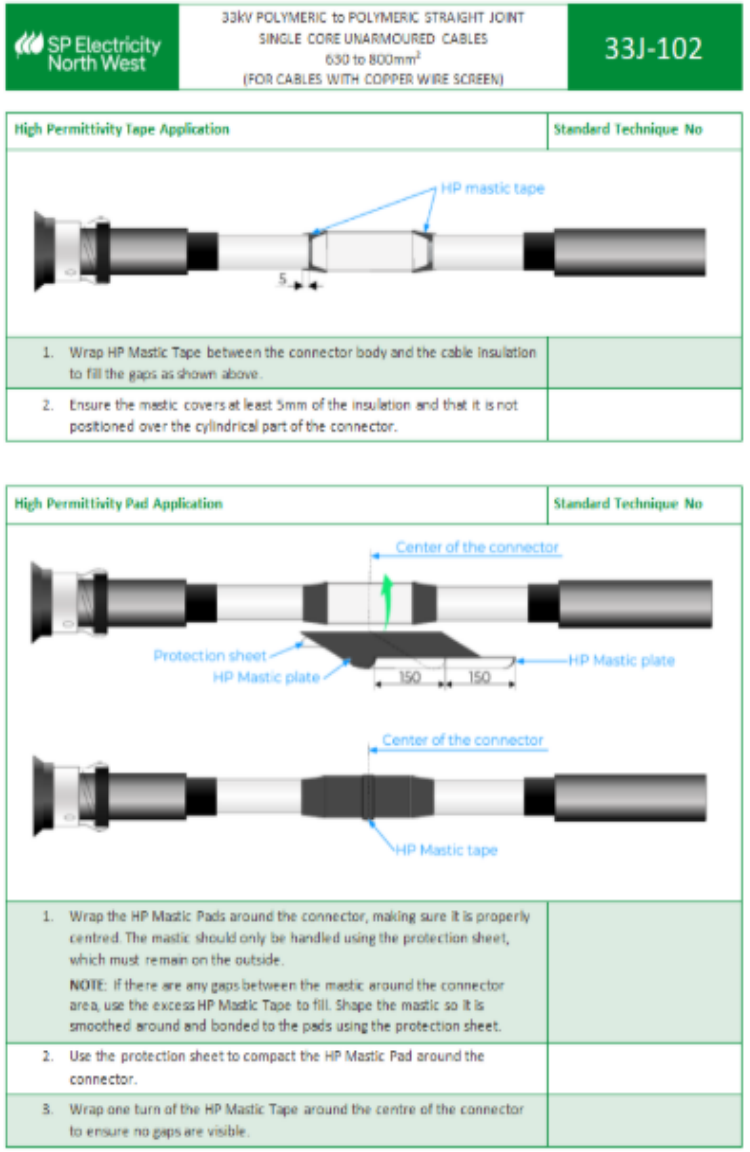
Entire section to be archived as redundant now due to SharePoint search feature.

Due to many new projects planning to use 800sqmm stranded Aluminium cables, this joint has been added to cover connections of 630sqmm to 800sqmm cables.

The joint kit has Commodity Code 366245 and will be stocked in TVS, or can be ordered for planned projects from Prysmian.

The kit is a set of three phases c/w connectors.

Future work may take this joint range up to 1000sqmm.



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33kV POLYMERIC to POLYMERIC STRAIGHT JOINT
SINGLE CORE UNARMOURED CABLES
630 to 800mm²
(FOR CABLES WITH COPPER WIRE SCREEN)

33J-102

High Permittivity Tape Application	Standard Technique No

1. Wrap HP Mastic Tape between the connector body and the cable insulation to fill the gaps as shown above.	
2. Ensure the mastic covers at least 5mm of the insulation and that it is not positioned over the cylindrical part of the connector.	

High Permittivity Pad Application	Standard Technique No

1. Wrap the HP Mastic Pads around the connector, making sure it is properly centred. The mastic should only be handled using the protection sheet, which must remain on the outside. NOTE: If there are any gaps between the mastic around the connector area, use the excess HP Mastic Tape to fill. Shape the mastic so it is smoothed around and bonded to the pads using the protection sheet.	
2. Use the protection sheet to compact the HP Mastic Pad around the connector.	
3. Wrap one turn of the HP Mastic Tape around the centre of the connector to ensure no gaps are visible.	

CP423: Live Line Manual – Use of Tracked IAD

LL Manual CP423 has been updated to allow the use of a TRACKED Insulating Aerial Device (IAD) for certain works.

The tracked IAD can access areas where our normal wheeled Unimog IAD cannot, particularly in winter months.

However, unlike the wheeled version – which has two single buckets – the tracked version has only one bucket for the two persons (required for LL working). This restricts the safe working loading limits permitted – **so it can only be used for procedures where no lifting of equipment is required**.

Section 2 – LL Techniques

LLT13 – Job Planning – updated to allow consideration of a Tracked IAD when planning jobs that ONLY require the permitted procedures as listed in Section 3 index.

LLT18 – Warm up inspection checks – updated to allow for Tracked IAD checks.

Section 3 – LL Instructions

Index of procedures – a column added to indicate which procedures are permitted using the Tracked IAD – and which ones are not, as they require lifting capacity.

CP608: Appendix C (System Paralleling Matrices)

Routine update to paralleling matrices

- Implementation of the Ashton Parallels (12th March 2026).