

Policy Update Newsletter

June 2018





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Ref	Issue	Title
CP411	5	Mains Practice Up to and Including 132kV Cable Jointing Up to and Including 1000Volts
CP421-4	4	Maintenance and Refurbishment of Overhead Lines – LV Mains Supported by Poles
CP421-5	5	Maintenance and Refurbishment of Overhead Lines – HV Mains Supported by Poles
CP606 S28	5	Substations - Checks on Switchgear and Other Plant and Equipment
CP613	4	Connection and Operation of Mobile Generators at Low Voltage
CP614	16	Authorisation - Telemetry and Telecontrol Codes

CP411	Mains Practice Up to and Including 132kV Cable Jointing Up to and Including 1000Volts
Summary	<p>Scope of change. Section 6 of LV CP 411 is a list of approved tools with commodity codes. The list was lacking in accurate commodity codes and many tools were not included.</p> <p>Description of change. The list has been updated to include latest commodity codes and include tools that were not listed.</p> <p>Reason for change. For health and safety reasons, it is essential to provide the craftsmen with the correct tools to prevent accidents.</p>

CP421-4 Maintenance and Refurbishment of Overhead Lines – LV Mains Supported CP421-5 by Poles, HV Mains Supported by Poles	
Summary	<p>Description of change.</p> <p>Refurbishment standards clarified in the replacement of light duty poles where there is no MEWP access. Further clarification added to refurbishment of earthing to allow the earth to run down a pole within the same guard as an main cable.</p> <p>Reason for change.</p> <p>Access and rescue issues with light poles and reduction in the number of cable guards improving access and cost reduction</p>

CP606 S28 Substations - Checks on Switchgear and Other Plant and Equipment	
Summary	<p>Reason for change</p> <p>S28 deals with substation checks, access and PPE. Following a recent incident where an injury was sustained due to falling masonry the requirement to wear a hard hat has been added.</p> <p>Section 2 Risk Assessment /Method Statement has also been added.</p>

CP613 Connection and Operation of Mobile Generators at Low Voltage	
Summary	<p>Description of change.</p> <p>This Code of Practice has been completely revised at this issue. The content has been restructured, amended and expanded, and the document has been updated to the latest editorial standard.</p> <p>Changes/additions to the existing content include incorporation of feedback comments on the previous issue.</p> <p>Reason for change.</p> <p>Document restructured amended and clarified following comments/feedback from Safety Reps. Learning outcomes from a recent incident incorporated.</p>

CP614 Telemetry and Telecontrol Codes	
Summary	<p>There are several codes that apply to the Telemetry teams. It is proposed to make minor amendments to the codes as detailed below to simplify them and make them more suitable for the types of work being undertaken by the Telemetry section.</p> <p>342 Covers desk based database management tasks. It therefore does not require first aid or substation access.</p> <p>There is no switching allowed under this code.</p> <p>218 This is for site work but does NOT include any element of switching either</p>

to a simulator or to live plant or apparatus – therefore do not include any testing.

Can include, subject to training and experience:

- Work on connections between HAM metering
- Telecontrol/RTU cubicles
- Remote Control/Automation/Telecontrol equipment
- Voltage checks on the secondary side of the supply VT on pole mounted RTUs
- Work on connections between Distribution Automation actuators and RTUs
- Excludes work on connections beyond the Klippon terminals within RTU/Telecontrol Cubicles

Code 106 required for the installation of RTU/Actuator on ground mounted switchgear in accordance with FM2/010 and FM2/011

Code 350 required to undertake switching operations to simulated plant for commissioning purposes

Also needs **Code 102** for receipt of Limitation of Access (if required)

162 This is for site work but does NOT include any element of switching either to a simulator or to live plant or apparatus – therefore do not include any testing.

It will simply be the above the ACD version of code 218.

All switching operations will be covered under codes 350, 347 and 344.

350 Allows for limited switching on the network to a simulator box. Can be for either staff working in the centre or in the field and therefore it is not a requirement to hold first aid or substation access. However if staff are field based they MUST have first aid and the appropriate sub access codes. If work is above the ACD then pole top rescue is required.

The switching to the simulated plant is with the approval of the Control engineer but NOT to the instruction of the Control engineer.

Does not allow for switching with the actuator disconnected from the switchgear

347 Allows for limited switching on the network either to a simulator box (350) or to an actuator physically disconnected front plant. Can be for either staff working in the centre or in the field and therefore it is not a requirement to hold first aid or substation access. However if staff are field based they MUST have first aid and the appropriate sub access codes. If work is above the ACD then pole top rescue is required.

The switching to the simulated plant is with the approval of the Control engineer but NOT to the instruction of the Control engineer.

Full copies of all up-to-date policies and procedures can be found on [The Volt](#).