

PIA Overhead

Process for Technical approval of CP Cables (Draft 1)

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Establishment requirements for CP's intending to use Overhead deployment

Prior to any overhead deployment on Openreach poles, CP's are required to submit details and samples of the cables that they intend to use into Openreach for testing / approval. Under no circumstances should an overhead cable be deployed, which has not received written sign off from Openreach.

This is a one off requirement for each Cable type, that will only need to be repeated if a CP decides to change the type of cable used at some future point.

To facilitate sign off, the following is required by Openreach:

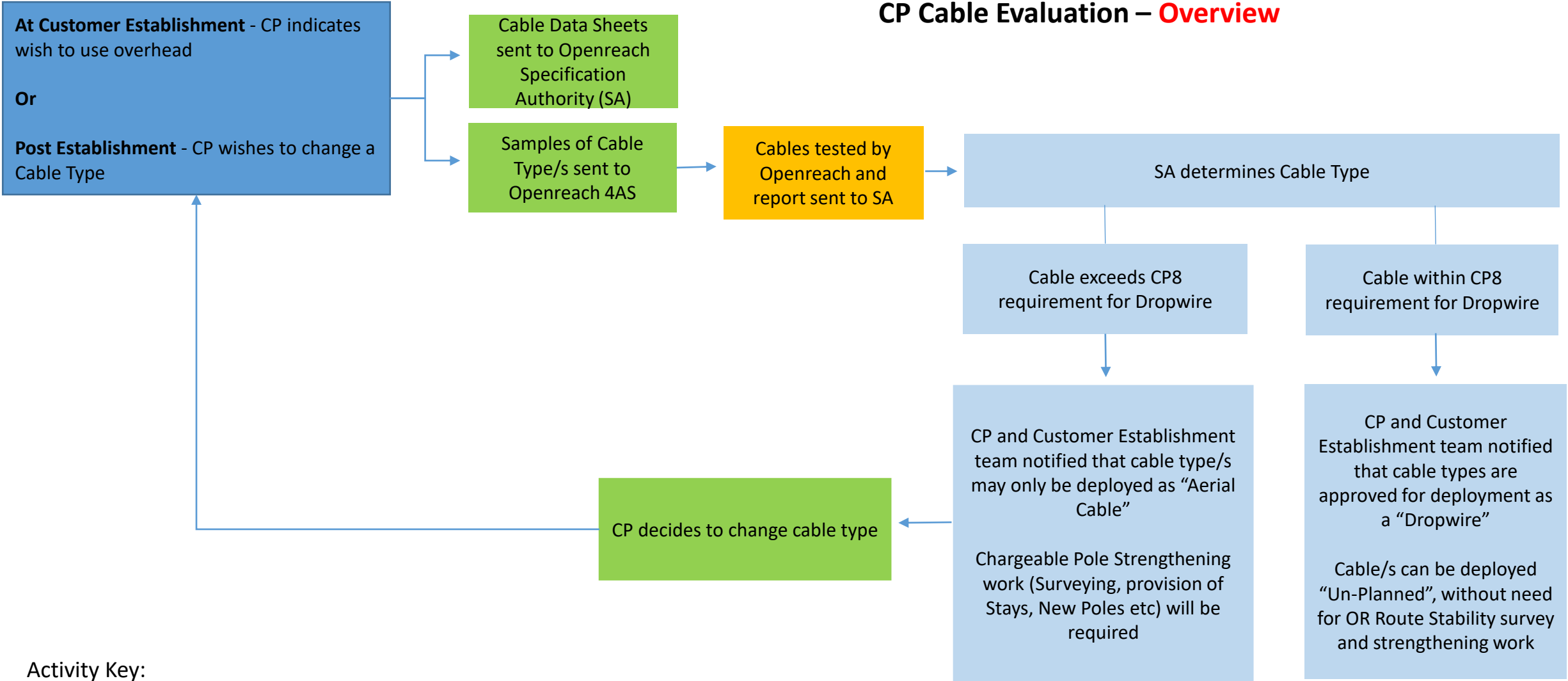
A Copy of the Manufacturers Data Sheet - which should include the following:

- The Cables Type / Part No
- The Cable's outer diameter
- Confirmation of the cables' ultimate tensile load (the load at which the cable breaks). This information may be provided in the Data Sheet, but if not, a Load Test report from a reputable Testing House will suffice.
- Confirmation of the cables suitability for use under overhead power lines of up to and including 11kV, with a minimum vertical clearance of 1.8m. Again, this information may be provided within the Manufacturers Data Sheet, or alternatively, a HV Test Report from a reputable Testing House.




Cable samples – To facilitate physical testing, the following should be supplied to Openreach in a waterproof bag:

- A 50 metre sample of each cable
- 10 x Clamps for each cable type
- 2 x Fibre Locking Bollard – If these are used within the CP's architecture
- A datasheet, which should be attached to the cable sample, stating the specific Cable Type / Part No
- The name of the CP and contact details

CP Cable Evaluation – Overview



Activity Key:

-  Openreach Test & Development – Four Acre Site Chris Fisk / Matt Harris
-  Openreach CP8 Specification Authority - Glen Barford / Martin Nottage
-  The CP (various)

CP Cable Evaluation – Detail of Proposed physical testing process

