

Test Before Touch for Overhead Line Equipment: NR/L3/ELP/27720

Specific isolation / OLP
implementation planning scenario

Issue 1, December '22



Scenario:

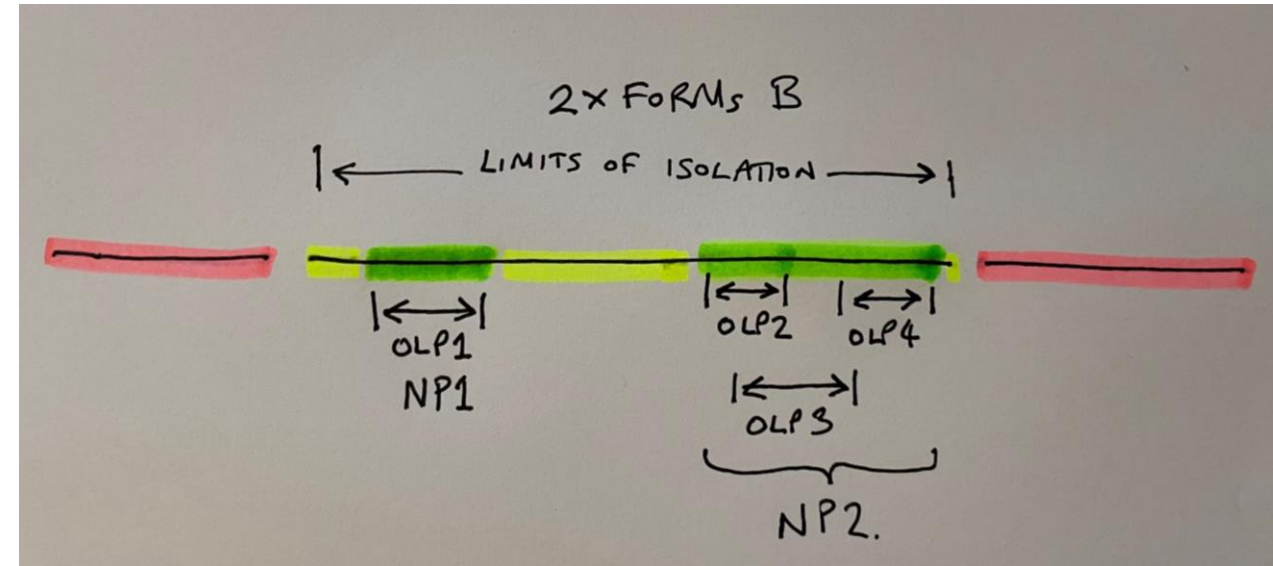
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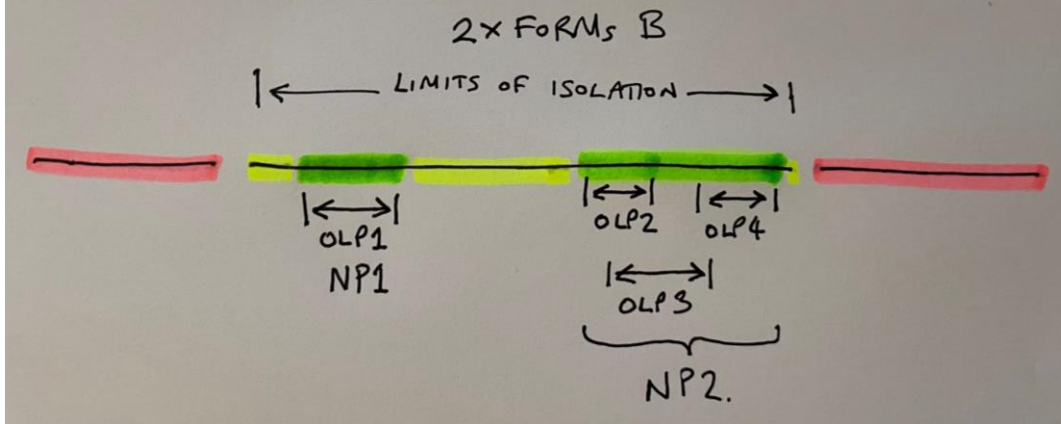
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OLP 4 is to be issued to Campbell Enterprises by their isolation provider Salsa Isolations Ltd (SIL). SIL has completed the walk out and has the earthing arrangements to OLP 4.

SIL, as the 'lead' for OLPs 2 – 4 has compiled and submitted the IDF based on earthing details from the other 3rd parties' isolation providers.



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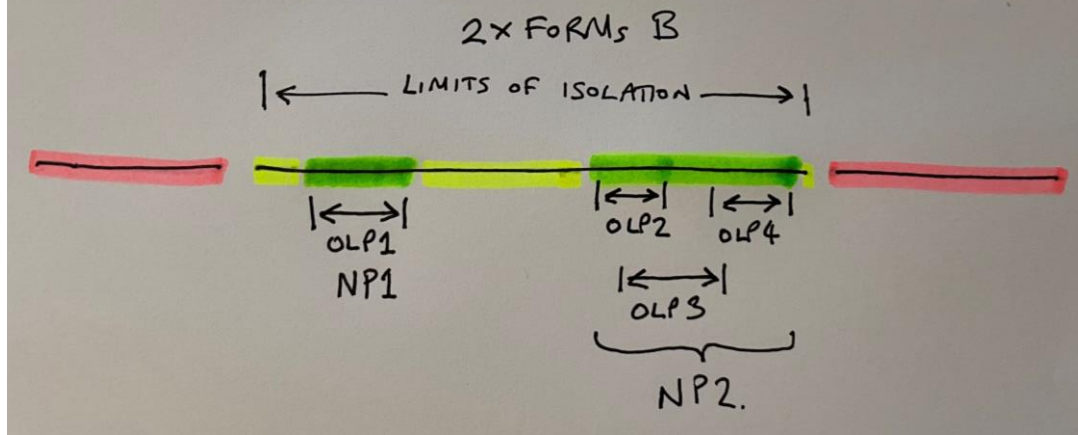
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Q1: Who is responsible for signing off the 3rd party TBT actions form at the pre-planning stage?

A: The third party's nominal isolation provider who carries out the site walk out and prepares the earthing requirements is responsible for preparing the required Test Before Touch actions form.

This includes obtaining all of the relevant endorsements.



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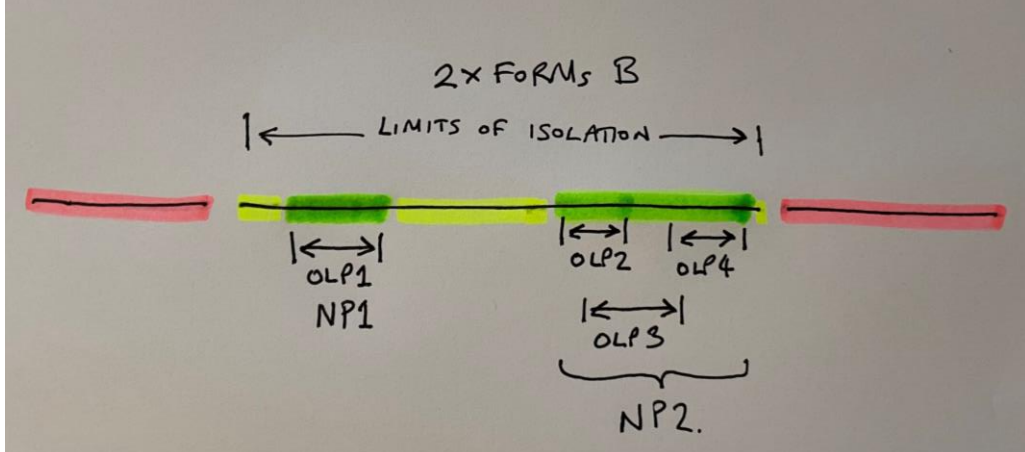
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Q2: Does the planner for SIL and NP2 need to be in receipt of all pre-planned Test Before Touch action forms at the planning stage of the isolation from the 3rd parties that require OLP 2 & 3?

A: Yes, the endorsed Test Before Touch actions form should be provided at the time that the earthing requirements and site walk out details are passed to the 'lead' organisation.



Q3: Who is responsible for providing the person(s) to perform the Test Before Touch actions?

A: The 3rd parties' isolation providers unless agreed otherwise with the 'lead' organisation.

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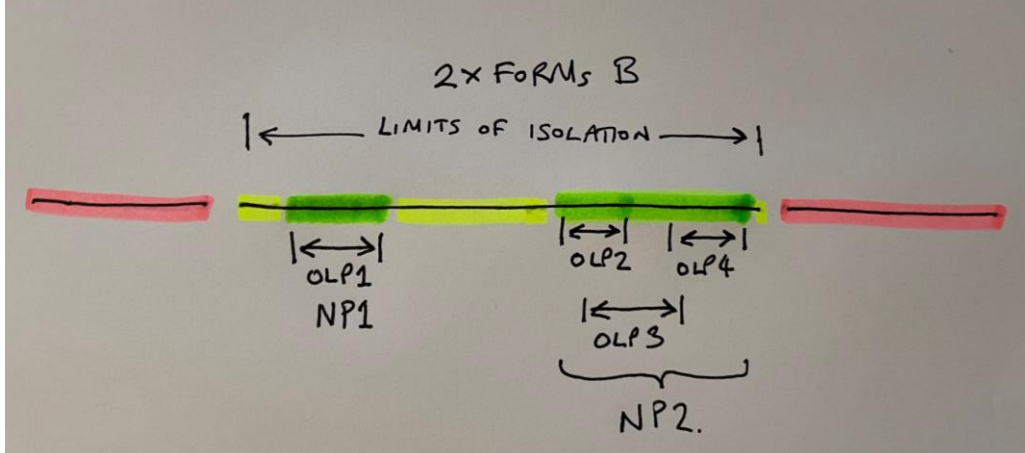
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Q4: Does NP2, who is issuing OLP 2 & 3, need to confirm with the COSS (OLP)s that there is someone available to undertake the Test Before Touch actions before issuing the OLP?

A: Yes, the NP has to tell the recipient of the OLP who is undertaking the Test Before Touch actions. This is a requirement of the standard.

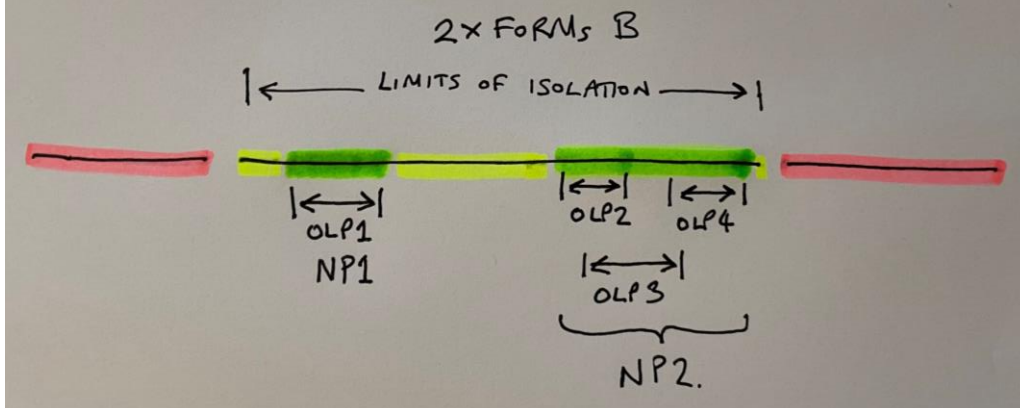
In addition, the published OLP (Form C), issue 7, 3/9/22, states the following:

“When in receipt of this OLE permit, prior to any person, tool or item of equipment coming within 600mm of the equipment listed, test before touch actions shall be conducted in accordance with NR/L3/ELP/27720.

Tests shall take place at a minimum of 3 m along the conductor from OLE structure and / or in line insulation where there is sufficient conductor length. Where 3 m is not possible a resistive voltage testing device shall be used.

As the COSS (OLP), I understand these conditions and who will complete all required test before touch testing.

Signature (COSS (OLP))



Q5: Does the NP need to see the person that is undertaking the Test Before Touch action?

A: Yes, for methods 2 and 3 where the Test Before Touch actions are pre-planned.

The NP briefs the COSS (OLP) and the AP who will be carrying out the pre planned Test Before Touch actions on the schedule of Test Before Touch actions.

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