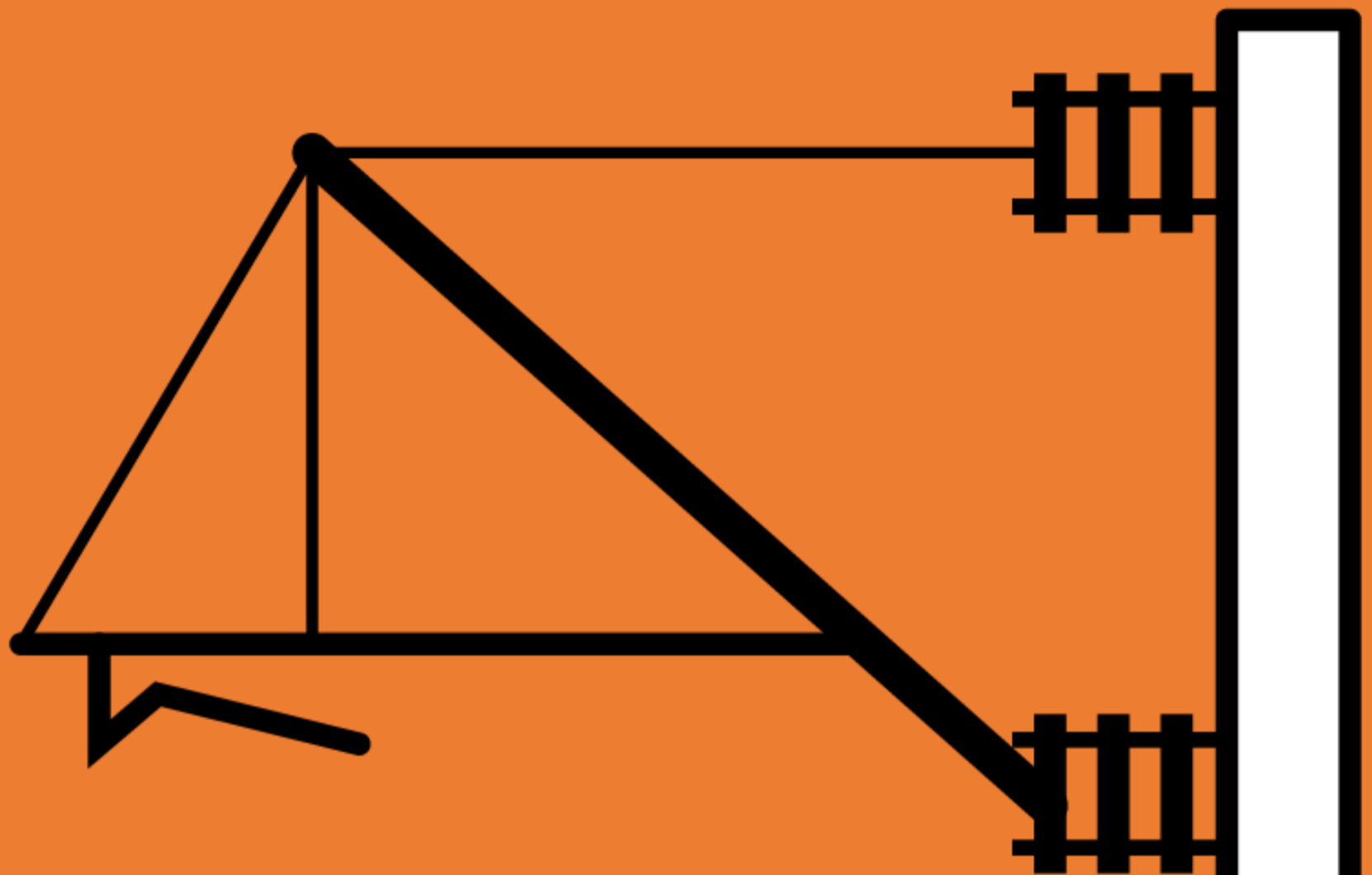


NR/L3/ELP/27720

# Test Before Touch for Overhead Line Equipment Feedback Survey



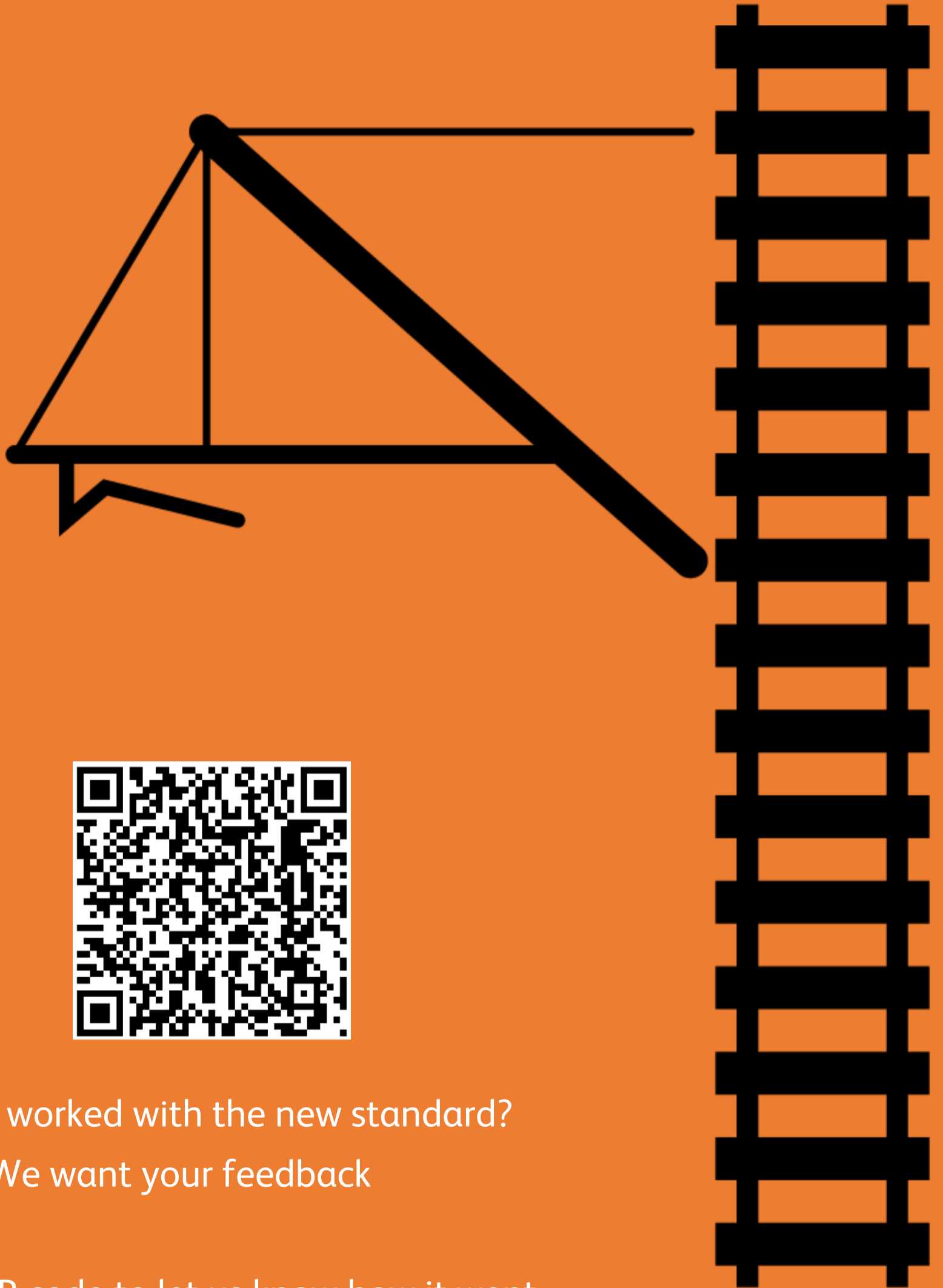
Have an opinion on the new Test Before Touch for OLE standard?

Providing constructive feedback is your best opportunity to scope  
the standard for issue 2

Simply scan the QR code with your smartphone or iPad camera  
and complete the online survey

NR/L3/ELP/27720

# Test Before Touch for Overhead Line Equipment Feedback Survey



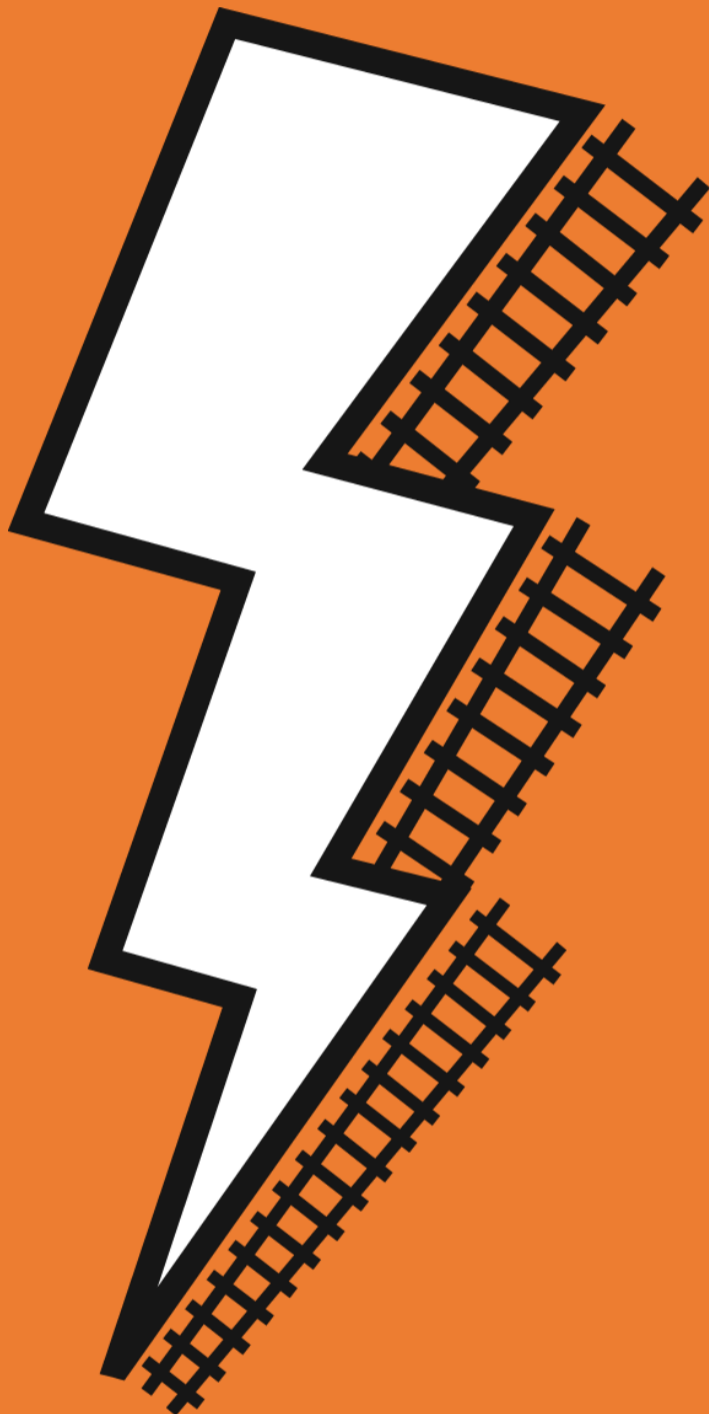
Have you worked with the new standard?

We want your feedback

Scan the QR code to let us know how it went

# Improving Electrical Safety

## 1 Test at a Time



Too many incidents involving colleagues suffering life changing injuries due to inadvertent contact with Live Overhead Line Equipment (OLE) which would have been avoided if Test Before Touch had been carried out.

The new standard formalises the existing guidance on the Test Before Touch Lifesaving Rule for OLE.

It introduces requirements to make sure that Test Before Touch actions are identified, implemented, witnessed, and recorded in a consistent manner.

Have you worked with the new standard yet?

Scan the QR code to let us know how it went



NR/L3/ELP/27720



Test Before Touch  
for OLE Feedback

Have you used the  
new standard yet?

Want to provide  
feedback, good or  
bad?

Scan the QR code and have your say:



#TestBeforeTouch

# Test Before Touch for OLE

## (NR/L3/ELP/27720)

### Method 1: Dynamic decision-making for Test Before Touch actions

- The responsibility for determining and directing the implementation of the Test Before Actions shall reside with the ECP who must be a member of the working party.
- An ECP shall not undertake other duties that will cause them to leave the working party.
- There is no requirement to pre-plan and pre-document the Test Before Touch actions under this method.
- The 'rule set' for the Test Before Touch actions is as follows:
  - A Test Before Touch action shall, as a minimum, be completed before the first conductor is touched.
  - The requirements for further Test Before Touch actions shall be determined and directed for implementation by the ECP before any member of the working party:
    - touches a different conductor; or
    - touches a conductor on a different line; or
    - touches a conductor beyond a discrete in-line OLE feature; or
    - touches conductors forming part of the traction power system i.e. cable sealing ends, harmonic damper connections, high voltage booster transformer connections.



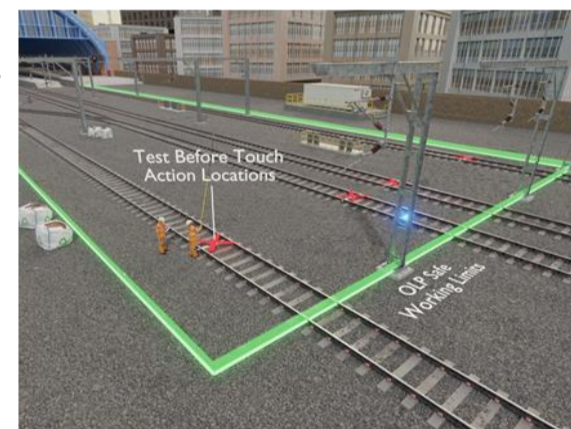
### Method 2: Pre-planned and pre-documented Test Before Touch Actions

- A pre-planned and pre-documented schedule of Test Before Touch actions shall be produced for each OLP using the Test Before Touch actions form.
- The schedule shall be supported by visual aids to support the briefing process of the schedule and the associated OLP.
- The persons who undertake isolation implementation planning will be responsible for steps a) and b)
- The 'rule set' for Test Before Touch actions is the same as method 1.
- The task and task delivery method and the nature and complexity of the OLE inside the OLP's safe working limits also needs to be assessed to determine if there are any Test Before Touch actions are needed
- The pre-planned actions are checked by a person holding Nominated Person competence, and the person that understands the task being delivered under the overhead line permit
- There shall be no reduction in testing from the pre-planned Test Before Touch actions



### Method 3: A pre-planned and pre-documented reduced set of Test Before Touch actions

- Similar to method 2 however, method 3 allows for a reduced set of test before touch actions when compared to the 'rule sets' in methods 1 and 2
- A Test Before Touch action shall, as a minimum, be planned to be implemented before the first conductor is touched.
- Sufficient further Test Before Touch actions shall be pre-planned to be implemented to demonstrate to persons witnessing the action(s) that the conductors defined by the OLP are de-energised.
- The use of reduced Test Before Touch actions shall only be undertaken when:
  - The OLP is not part of an isolation where it is planned to alter the extent of an existing isolation (superseding); and
  - The OLP safe working limits will be a minimum of two span lengths from OLE that is Live at the system voltage; and
  - the approach is justified by a risk assessment; and
  - the schedule is reviewed and endorsed by two persons holding Nominated Person competence.
- The Nominated Person responsible for the isolation and issuing the OLP relevant to the schedule shall check that the schedule content is still appropriate before issuing the OLP



### Method 4: A Test Before Touch action prior to every occasion where it is planned to touch a conductor

- A set of Test Before Touch actions that are implemented prior to **every** occasion where it is planned to touch a conductor. There is no requirement to pre-plan and pre-document these actions.
- An AP or NP shall undertake a Test Before Touch action prior to **every** occasion where a member of the working party plans to touch a conductor.
- The COSS (OLP) must sign the Test Before Touch actions form to accept the responsibility for requesting a Test Before Touch action in line with the briefing from the Nominated Person.
- When using this method it is not allowed to adopt any reduction in Test Before Touch actions

