

Safety Advice

Action required following a serious incident



Cotec C31 Live line indicator

Issued to: **All Network Rail line managers, safety professionals and accredited contractors**

Ref: NRA20-09

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Location: National

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Overview

A recent incident involved a Cotec C31 Live Line Indicator (LLI) - Cat No 091/012337- which was damaged when used on live overhead line equipment (OLE).

The live line indicator was recently delivered as a replacement for the capacitive LLI's previously subject to safety advice NRA20-05 and the user was unfamiliar with the type of tester.

An investigation of the incident concluded that the user screwed the contact hook directly into the body of the LLI and not into the (resistor) probe section. This subjected the body directly to 25kV causing it to fail and resulted in sudden movement of the tester.

There was no injury to the user but minor damage to the OLE and the tester is no longer fit for use.

Immediate action required

- Users of the Cotec C31 LLI must be trained with their set up and use prior to using them.
- The contact hook must only be connected to the probe and never connected directly to the main body of the LLI.
- The earth lead of the Cotec C31 LLI must always be connected to the traction return rail prior to use.
- Never raise the LLI so that the fluorescent yellow band (just above the black rain hood) goes above the contact wire. This would risk operator injury and LLI damage.