

# Safety Advice

Action required following a serious incident



## Correct use of HVD03/2D live line indicator

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

**Ref:** NRA 18/14

**Date of issue:** 24/07/2018

**Location:** National

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## Overview

During use earlier this year an HVD03/2D Live Line Indicator was used on an electrical section. The indicator was calibrated, in-date and appeared to be in good condition.

The self-check function was performed and completed satisfactorily with indications being shown as expected.

The indicator was then used on a known reference live conductor and the device failed to indicate the presence of live Overhead Line Equipment (OLE).

The indicator was then quarantined to check the functionality of the device using a proving unit. The live line indicator failed the test with the proving unit and therefore **must not be used**.

The self-check test on these devices is not sufficient on its own to confirm the functionality of the device to correctly identify the status of OLE in terms of energisation status (live or de-energised).

## Immediate action required

- These indicators must always be used in conjunction with their approved proving units before and after each time a live line test is performed, in line with OLE work instruction E14, NR/L3/ELP/27237.
- Unless the functional test is performed as above, this tool cannot be relied upon to correctly indicate the status of Overhead Line Equipment and therefore should not be used.

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