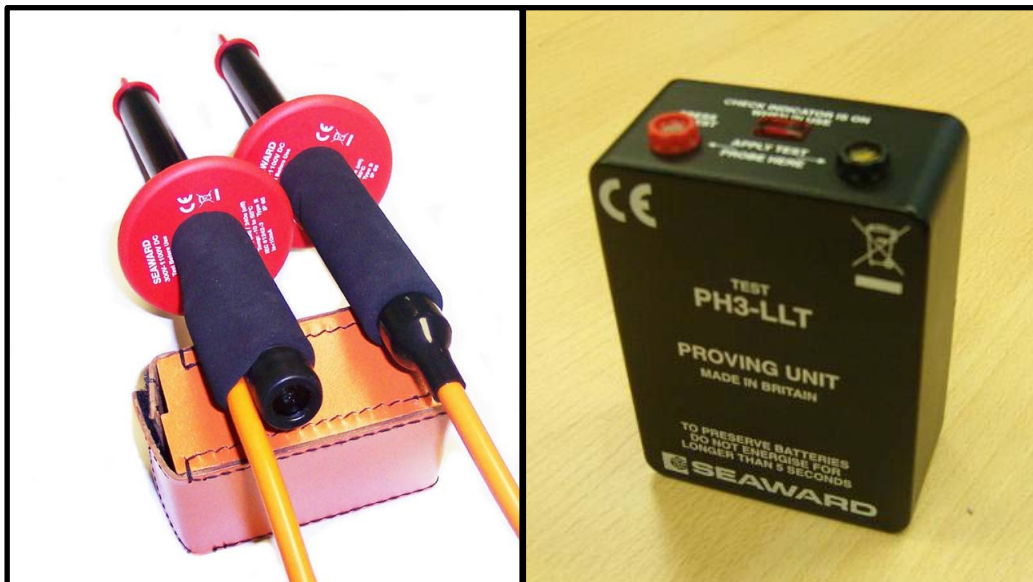


(To be posted on HSQE Notice Boards for a Period of 1 MONTH from date of issue)

Overview

Live Line Testers shall only be used by competent persons.

The DC live line tester is a safety device provided to test the conductor rail on 650/750 Volt DC third rail systems on Network Rail to check whether the conductor rail is energised or not prior to undertaking isolation activities. Live line testers come complete with an independent proving unit which means that individuals are not required to test the device on a live conductor rail.



Operating Instructions.

1. Before use, the user shall confirm that the Live Line Tester and proving unit is clean and dry, visually inspect all parts, if damaged do not use, report and return to the Depot Supervisor. The user shall also confirm that the Live Line Tester has not exceeded its "Next Test Due" date, (date is shown on the label attached to the cable).
2. Never hold the Live Line Tester between the hand guard and the contact electrode i.e. the probe.
3. **Always** prove the Live Line Tester **before** and **after** use by holding the Live Line Tester by the handles, connect the probes to the proving unit terminals and verify the LED indicators on the handle of the live line tester are illuminated.
4. If the LED on the proving unit does not illuminate during this part of the process, please change the battery in the proving unit. If this does not work, do not use and report to the Depot Supervisor.

5. **To test the Conductor rail:** Hold the Live Line Tester by the handles above the hand-guards and place one probe on the traction return running rail and the other probe on the conductor rail.
6. If the LED indicator on the handle of the live line tester is illuminated, the conductor rail is **live**. If the LED indicator on the handle of the live line tester is not illuminated then the rail is switched off or isolated.
7. Prove the Live Line Tester again after testing as stated in 3 above.

Note: due to the fact that Live Line Testers will be used in all weather conditions, rubber gauntlets shall be required to be worn when testing the conductor rail with these units.

Source: Colas Rail