Brief
- Always prove the testing device before and, where possible, after use.
- Always test each conductor at each location and confirm the conductor is not live before applying an earth.
- Testing at a Designated Earth Point (DEP) before applying a second (duplicate) earth is not required.

This lifesaving rule applies to
- All components which may be energised at 25 kV ac, which includes but is not limited to:
  - Catenary system including contact wire
  - Bare feeders
  - Autotransformer feeder (ATF)
  - Supplementary conductors
  - Exposed cable terminations
  - Booster Transformers
  - Harmonic Dampers
  - Adjacent SMOS sites

This lifesaving rule does not apply to
- Return Conductor (RC)
- Remotely controlled, or manually operated fixed earthing devices when operated under the direction of the electrical control operator (ECO)
- OLE under construction (i.e. not capable of being energised)
- Local (depot) isolations

Learning for the future
- Every earth applied to a live conductor shall be formally investigated using the fair culture process.
- A Close Call should be raised when a conductor is tested live and it is not expected to be live.