

The Voice of the Networks



**Energy
Networks
Association**

**ENA EREP 128 Issue 2 2018
Revision Summary**

Risk assessment for communication network operatives working in a ROEP zone

PURPOSE

EREP 128 assesses the hazards of operatives working on communication cables within a ROEP zone of an electricity substation

SCOPE

- Assesses the risk of hazard for BT/Openreach operatives working on communication services which may be subject to rise of earth potential (ROEP)
- Includes an analysis of risk using NaFIRS data
- Conclusions from the report are used as a basis for the guidance in ENA EREC S37

HISTORY

- First published in 2007
- Minor revision in 2018

Summary of Amendments

- Normative references updated
- Terminology updated and corrected throughout document
 - The term 'CNP' added.
 - 'BT' changed to 'BT/Openreach'
- Added an explanation on the value used for 'probability of exposure'
- Clarified that the risk assessment does not assume that an insulating layer is present between the hand/knee and the inducing potential

Nature of Revision

Minor revision

Key Points

No major technical changes

Conclusions in report remain valid

Changes to document circulated with the ENA Earthing and Coordination Group, and with BT/Openreach, for their review and comment.

Details of all amendments can be found in the accompanying 'Document Amendment Summary'

Who is affected and why?

- Staff for both BT/Openreach and ENA Member Companies who are involved in the preparation of codes of practice for work on communication cable. The findings from EREP 128 are used as a basis for the guidance in ENA EREC S37.

(To ensure they re-familiarise themselves with the risk assessment, although there are no technical changes to the conclusions)

- Operatives working on communication cable

(To ensure they are aware of the risk assessment background, although there are no changes to the technical detail)

