

The Voice of the Networks



Energy Networks Association

**ENA EREP 129 Issue 2 2018
Revision Summary**

ROEP risk assessment for third parties using equipment connected to Communications Network Provider lines

PURPOSE

EREP 129 assesses the hazards of third parties using equipment (telephone landline, telephone kiosk) close to electricity substations and/or generating stations

SCOPE

- Assesses the level of risk to third party individuals using equipment connected to BT/Openreach lines.
- The probability of fibrillation, exposure, and fault, are evaluated during the assessment.
- Conclusions from the report are used as a basis for the guidance in ENA EREC S36 and ENA EREC S37.

HISTORY

- First published in 2007
- Minor revision in 2018

Summary of Amendments

- Normative references updated.
- Terminology updated and corrected throughout document.
- Added note to explain that the value used in the assessment for body resistance does not align with IEC 60479-1 but the conclusions remain valid.
- Added an explanation as to the likely reference for the data used in the report now included in Clause 6.
- Removed fault analysis content from Annex B as this is covered by EREP 128.

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, including staff for independent connection providers, who are involved in the design off communication networks and use of equipment connected to the communication network. The conclusions from EREP 129 are used as a basis for the guidance in ENA EREC S36 and ENA EREC S37.

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

Impact Assessment of Changes to EREP 129

	Rating	Assessment
Safety	Minor	Clarification on some of the assumptions used for the risk assessments
Environment	Nil	
Financial (costs/benefits)	Nil	
Asset Quality & Performance	Nil	
Statutory/Regulatory	Nil	
Reputation	Nil	

The latest issue of the document is available from the ENA Engineering Catalogue via www.energynetworks.org. Further information can be obtained from ENA by emailing david.spillett@energynetworks.org