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CLASSIFICATION OF RISK OF UNAUTHORISED ACCESS TO OVERHEAD LINE TOWERS

PURPOSE AND SCOPE.....	1
PART 1 – PROCEDURAL	1
1 ELECTRICITY SAFETY, QUALITY AND CONTINUITY (ESQC) REGULATIONS 2002	1
2 CLASSIFICATION OF RISK.....	1
3 ASSESSMENT OF INSPECTION FREQUENCY	2
4 FORMS AND RECORDS	2
PART 2 – DEFINITIONS AND DOCUMENT HISTORY	3
5 AMENDMENTS RECORD	3
PART 3 - GUIDANCE NOTES AND APPENDICES	3
6 REFERENCES	3
APPENDIX A - ASSESSMENT SHEET FOR TOWER RISK CLASSIFICATION.....	4

PURPOSE AND SCOPE

This document provides guidance for the classification of risk of unauthorised access to National Grid's overhead line towers, and should be read in conjunction with PS (T) 018 "Prevention of Unauthorised Access to Steel Lattice Overhead Line Supports".

PART 1 – PROCEDURAL

1 ELECTRICITY SAFETY, QUALITY AND CONTINUITY (ESQC) REGULATIONS 2002

This guidance note, in conjunction with Policy Statement PS (T) 018, is intended to ensure compliance with the ESQC regulations, Section 19(1) of which states:

Every support carrying a high voltage overhead line shall, if the circumstances reasonably require, be fitted with devices to prevent, so far as is reasonably practicable, any unauthorised person from reaching a position at which any such line would be a source of danger.

2 CLASSIFICATION OF RISK

It is impossible to define exactly where and when a support may be vulnerable to unauthorised climbing and each case must be examined individually. Therefore it is important for staff to be observant and report any changes in land use, other hazards etc. Where there are sealing ends, cable trunking or other supports, which may aid climbing of the tower, special consideration should be given to the design of Anti-Climbing Devices (ACD's). It may be necessary to install additional ACD's for sealing ends or other supports, while other ACD's may require up grading, in order to conform to the guidelines below.

A non-vulnerable support is defined as a structure which by its nature and situation, has historically never been, and is assessed as not being liable to interference, vandalism or unauthorised climbing.

A vulnerable support is defined as a structure which by its nature and situation, has historically been, or is assessed as being liable to interference, vandalism or unauthorised climbing.

Towers are included in this category if they are on or near:

- a) Children's play areas.
- b) Caravan and camping sites.