

Reference	NR/L3/CIV/140/50C
Issue	2
Publication date	4 th September 2010
Compliance date	4 th December 2010

SECTION 50 GENERAL REQUIREMENTS FOR EARTHWORKS AND EXCAVATIONS

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SECTION 50

GENERAL REQUIREMENTS FOR EARTHWORKS AND EXCAVATIONS

Application of standards and codes of practice

- 50.001** The use of excavators, loaders and other earth moving plant shall follow the guidance given in RIS-1700-PLT.
- The location and depth of existing services shall be determined prior to carrying out any excavation. Such investigations shall be undertaken in accordance with NR/L2/AMG/1030 and NR/L2/AMG/1040.

Definitions

- 50.002** The following definitions shall apply:
- (i) 'Formation' shall mean the level of the layer of material provided above the subgrade and, where applicable, below the ballast to either increase or reduce the stiffness of the subgrade, or to prevent overstressing.
 - (ii) 'Subgrade' shall mean the prepared surface of the natural ground or the upper surface of fill material forming an earthwork (including the side slopes).
 - (iii) Cohesive subgrade is defined in Appendix 50/1.
 - (iv) Non-cohesive subgrade is defined in Appendix 50/1.
 - (v) 'Topsoil' shall mean the top layer of soil that can support vegetation, and shall include all turf which has been cut for too long a period to be acceptable to the Employer's Representative for use as turf.
 - (vi) 'Acceptable material' shall comprise all material excavated from within the Site or imported to the Site that meet the requirements of the Specification for acceptability and which are capable of being compacted in accordance with the Specification to form stable fill.
 - (vii) 'Unacceptable material' shall mean other than Acceptable material, and shall include soft, or compressible, or contaminated materials and other materials defined in Appendix 50/1. With the approval of the Employer's Representative, non-contaminated materials may be processed by mechanical, chemical or other means to render them acceptable.
 - (viii) Chalk shall be deemed to be Class 3 material irrespective of its physical, chemical or mechanical properties.