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MODEL CLAUSES FOR CIVIL ENGINEERING WORKS

SECTION 50 GENERAL REQUIREMENTS FOR EARTHWORKS AND EXCAVATIONS

Definitions **50/1**

'Cohesive subgrade' shall mean soils with 35 per cent or more passing a 0.06 mm sieve when tested in accordance with BS 1377-2.

'Non-cohesive subgrade' shall mean soils with less than 35 per cent passing a 0.06 mm sieve when tested in accordance with BS 1377-2.

'Unacceptable material' Class U1 shall mean other than acceptable material and shall include:

(i) materials from swamps, marshes, bogs or fens,

(ii) peat, logs, stumps, perishable and organic material,

(iii) materials with a combustible content greater than 7 per cent as measured by a reduction in weight by a 'mass loss on ignition test' in accordance with BS 1377-3,

These materials are likely to be contaminated

(iv) rubbish including processed or metamorphosed material, refuse, clinker ash, glass, and industrial waste not specifically accepted by the Employer's Representative,

(v) material in a frozen condition,

(vi) clay with a liquid limit exceeding 80 per cent and/or plasticity index exceeding 55 per cent, determined in accordance with BS 1377-2 except for use as clay puddle,

(vii) 'Unacceptable material' Class U2 shall be material having hazardous chemical or physical properties requiring special measures for its excavation, handling, storing, transportation, deposition and disposal,

(viii) fill with more than 10 per cent retained on a 63 mm sieve, as tested in accordance with BS 1377-2, or fill with a maximum particle size greater than 230 mm measured along its longest axis.

(50.002)

Note to specifier

It can be difficult to compact fill containing large particles to the required level of density, and it is also difficult to undertake tests on such materials to determine the level of compaction.

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