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MODEL CLAUSES FOR CIVIL ENGINEERING WORKS

SECTION 53 GROUTING AND LIME STABILISATION OF EMBANKMENTS

Grout **53/1** The grout mixture shall have a strength of ..... N/mm² after 24 hours /…… N/mm² after 7 days.

The Contractor shall submit full details of the proposed grout mixture to the Employer's Representative for approval.

(53.005)

Note to specifier *Insert strength values as appropriate.*

Lime stabilisation **53/2** The proportion of lime required shall be subject to a mean of …… (3) per cent, (minimum ……. (2.5) per cent, maximum …… (3.5) per cent), by weight of 'available lime' as a percentage of the dry weight of fill material. This concentration is equivalent to …… (7.5) kg of lime per m^2 per 200 mm thickness of uncompacted layer.

(53.016)

Note to specifier *Insert appropriate information and add particular requirements to the above Clause. Typical values specified are given in brackets.*

53/3 Compaction of each layer shall comply with Specification for Highway Works, Series 600 Earthworks, clause 612 and associated table 6/4 method 7. Except that, with the permission of the Employer's Representative, where layers more than 250 mm thick are constructed the number of passes of the compaction plant shall be those determined on a demonstration area. Unless agreed otherwise with the Employer's Representative the Contractor shall demonstrate that less than 5 per cent air voids have been achieved.

(53.016)

References **53/REF** The following references included in Issue ?????? of ?????? have been superseded or amended as described below:

(References)

Note to specifier *The specifier shall include here details of all references included in Section 53 that have been superseded since that Section was last issued.*

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