

INTRODUCTION

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INTRODUCTION

000 Introduction

- 1 The Specification for Road Works is published as one document and in addition to the Introduction the Specification contains numbered Series which refer to specific work disciplines.

001 Not Used

002 Terms and Abbreviations

- 1 Unless specifically defined otherwise the definitions of terms used in the Specification and associated documents are those in BS 6100, Glossary of Building and Civil Engineering Terms.
- 2 Abbreviations are in accordance with the recommendations given in BS ISO 31. Abbreviations listed in Table 0/1 have the meanings shown therein.

003 Appendices

- 1 Numbered Appendices (identified by digits, e.g. 17/2) contain Contract-specific information and requirements. The Numbered Appendices incorporated in the Contract are listed in Appendix 0/3.

004 Standards and Other Reference Documents

- 1 The Specification refers to many Irish, British, European and International Standards and other reference documents.
- 2 Standards or other reference documents incorporated in the Contract by a reference which does not include a date shall be the respective editions current on the date 10 working days prior to the tender returns date or, if applicable, the extended tender returns date and incorporating all amendments current on that date. Standards or other reference documents incorporated in the Contract by a reference that includes a date shall be deemed to exclude amendments issued after that date except any such amendments shown in brackets immediately following the stated date.
- 3 Where an Irish Standard or British Standard incorporated in the Contract has been superseded by a Harmonised European Standard, or a European Standard, issued prior to the date of invitation to tender then such Harmonised European Standard or European Standard shall be substituted for the Irish Standard or British Standard and any amendments thereto contained in the Specification.
- 4 Notification of this Specification has complied with the procedure outlined in Directive 98/34/EC.

005 Thickness of Material and Tolerances

- 1 Unless stated to the contrary, the thickness of material described shall mean the finished or compacted thickness.
- 2 The requirements for tolerances, where necessary, are incorporated in the Specification, on the Drawings and by reference in the publications stated in the Specification.

006 Construction Products

- 1** In compliance with the Construction Products Regulation (EU) No 395/2011 (CPR), as from 1 July 2013, all construction products covered by a harmonized European product standard (hEN) must have a Declaration of Performance (DoP) and a CE mark in order for them to be placed on an EU market. From 1 July 2013, all parties working on NRA funded schemes (for the construction, maintenance and/or improvement of national roads) must comply with the CPR. This requirement applies throughout all series of the 'Specification for Road Works' published as Volume 1 of the NRA Manual of Contract Documents for Road Works, where a hEN is applicable.
- 2** The NRA in consideration of the basic requirements for construction works has herein set out the regulations for products incorporated into National Roads in Ireland for both harmonised and non-harmonised product standards.

007 Acknowledgment

- 1** The National Roads Authority acknowledge the permission given by the Stationary Office on whose publication “The Specification for Highway Works” published as Volume 1 of the Manual of Contract Documents for Highway Works, the NRA Specification for Road Works is based.

Table 0/1 Abbreviation

Abbreviation	Meaning
AMD	Amendment to British Standard
BS	British Standard
CP	British Standard Code of Practice
EN	European Standard
IS	Irish Standard
NSAI	National Standards Authority of Ireland
ISO	International Organization for Standardization
SI	Statutory Instrument
AASHTO	American Association of State Highway and Transportation Officials
AISI	American Iron and Steel Institute
ASTM	American Society for Testing and Materials
BBA	British Board of Agrément
BRE	Building Research Establishment
BSI	British Standards Institute
HSA	Health and Safety Authority
HMSO/TSO	Her Majesty's Stationery Office/The Stationary Office
ILAB	Irish Laboratory Accreditation Board
NAMAS	National Measurement Accreditation Service
NRA	National Roads Authority
RPII	Radiological Protection Institute of Ireland
TRL	Transport Research Laboratory
RCD	Road Construction Detail
NG	Notes for Guidance on the Specification for Road Works
SRW	Specification for Road Works
AAV	Aggregate Abrasion Value
ASR	Alkali Silica Reaction
CBM	Cement Bound Material
CBR	California Bearing Ratio
FTD	Flat Traffic Delineator
MCV	Moisture Condition Value
PC	Portland Cement
PFA	Pulverised-fuel Ash
PRD	Percentage Refusal Density
PSV	Polished Stone Value
PVC	Polyvinyl Chloride
MDP	Medium Density Polyethylene
RHS	Rectangular Hollow Section
CHS	Circular Hollow Section
SMC	Saturation Moisture Content
UPVC	Unplasticised Polyvinyl Chloride
XLPE	Cross-Linked Polyethylene
ggbs	ground granulated blast furnace slag

Abbreviation	Meaning
mc	moisture content
omc	optimum moisture content
mdft	minimum dry film thickness (of paint)
dft	dry film thickness
DC	Direct Current