

MANUAL OF CONTRACT DOCUMENTS FOR HIGHWAY WORKS
VOLUME 1 SPECIFICATION FOR HIGHWAY WORKS

SERIES 000
INTRODUCTION

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INTRODUCTION

000 Introduction

- 1 (05/04) The Specification for Highway Works is published as Volume 1 of the Manual of Contract Documents for Highway Works and in addition to the Introduction contains 27 Series and 8 Lettered Appendices.
- 2 (05/05) Reference shall be made to the Schedule of Pages and Relevant Publication Dates in the Contract to determine the publication date of each page of the Specification for Highway Works applicable to the Contract.

001 National Alterations of the Overseeing Organisations of Scotland, Wales and Northern Ireland

- 1 (11/06) Additional and Substitute specification requirements of Transport Scotland, the Welsh Assembly Government and the Department for Regional Development, a department of the Northern Ireland Executive, are contained within Volume 1 of the Manual of Contract Documents for Highway Works. These Additional and Substitute Clauses are identified by the suffix TS, NAW or NI respectively and are located immediately after the end of each Series or Lettered Appendix of the Specification.

Unless stated otherwise in Appendix 0/5, these Clauses are deemed to be included in contracts administered by the above Overseeing Organisations. Clauses with suffix TS, NAW or NI are deemed to replace Clauses of equal number but without suffix.

002 Terms and Abbreviations

- 1 (11/06) 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.

The term Overseeing Organisation means the Highways Agency, Transport Scotland, the Welsh Assembly Government or the Department for Regional Development, depending on which is responsible for the Contract.

- 2 Abbreviations are in accordance with the recommendations given in BS 5775. Abbreviations listed in Table 0/1 have the meanings shown therein.

003 Appendices

- 1 Appendices identified by the letters A to H contain standard information and requirements.
- 2 Numbered Appendices (identified by digits, eg 17/2) contain Contract-specific information and requirements. The Numbered Appendices incorporated in the Contract are listed in Appendix 0/3.

004 British Standards, British Standard Codes of Practice, Harmonised European Standards, European Standards and Other Reference Documents

- 1 (05/01) The following publications to which reference is made in the Specification are listed in Appendix F:
- (i) British Standards;
 - (ii) British Standard Drafts for Development (DD) Documents;
 - (iii) European Standards;
 - (iv) International Standards;
 - (v) Department of Transport; Department of Environment, Transport and the Regions; Scottish Development Department; The Scottish Office; Welsh Office; and Department of the Environment for Northern Ireland Publications;
 - (vi) UK Overseeing Organisations Publications including their Predecessor's Publications;
 - (vii) Highways Agency (TSS Division) Publications;
 - (viii) Transport Research Laboratory Reports;
 - (ix) Acts and Statutory Instruments;
 - (x) Quality Management Schemes Publication;
 - (xi) British Board of Agrément Certificates;
 - (xii) Miscellaneous.

TABLE 0/1: (05/05) Abbreviations

Abbreviation	Meaning
AASHTO	American Association of State Highway and Transportation Officials
AAV	Aggregate Abrasion Value
AISI	American Iron and Steel Institute
AMD	Amendment to British Standard
ASR	Alkali Silica Reaction
ASTM	American Society for Testing and Materials
BBA	British Board of Agrément
BRE	Building Research Establishment Ltd
BS	British Standard
BSI	British Standards Institution
CBM	Cement Bound Material
CBR	California Bearing Ratio
CHS	Circular Hollow Section
CP	British Standard Code of Practice
EN	European Standard
FTD	Flat Traffic Delineator
HAPAS	Highway Authorities' Product Approval Scheme
HCD	Highway Construction Details
HMSO/TSO	Her Majesty's Stationery Office/The Stationery Office
HSE	Health and Safety Executive
ISO	International Organization for Standardization
MCV	Moisture Condition Value
MDPE	Medium Density Polyethylene
NG	Notes for Guidance on the Specification for Highway Works
PC	Portland Cement
PRD	Percentage Refusal Density
PSV	Polished Stone Value
PVC	Polyvinyl Chloride
RHS	Rectangular Hollow Section
SHW	Specification for Highway Works
SI	Statutory Instrument
SMC	Saturation Moisture Content
TRL (formerly TRRL)	Transport Research Laboratory (formerly Transport and Road Research Laboratory)
UKAS	United Kingdom Accreditation Service
PVC-U	Unplasticised Polyvinyl Chloride
XLPE	Cross-linked Polyethylene
DC	direct current
dft	dry film thickness
ggbs	ground granulated blastfurnace slag
mc	moisture content
mdft	minimum dry film thickness (of paint)
omc	optimum moisture content
pfa	pulverised-fuel ash

2 British Standards and British Standard Codes of Practice incorporated in the Contract by a reference which does not include a date shall be the respective editions current on the date stated in the Contract, and incorporating all British Standards Institution amendments current on that date. British Standards and British Standard Codes of Practice incorporated in the Contract by a reference that includes a date shall be deemed to exclude British Standards Institution amendments issued after that date except any such amendments shown in brackets immediately following the stated date.

3 In respect of all other references the date of the edition applicable to the Contract shall be that stated in Appendix F or, where no date is stated, the date of the edition current on the date stated in the Contract and incorporating all published amendments current on that date.

4 Where a British Standard incorporated in the Contract has been superseded by a Harmonised European Standard, or a European Standard, issued prior to the date stated in the Contract then such Harmonised European Standard or European Standard shall be substituted for the British Standard and any amendments thereto contained in the Specification.

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 listed in Appendix F.

006 Acknowledgements

1 (05/01) The Overseeing Organisations acknowledge the permission given by:

- (i) (11/03) the British Standards Institution for reprinting extracts from BS 1722, BS 5400, BS 5649 and BS 6779.