
SERIES 000
INTRODUCTION

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INTRODUCTION

000 (05/14) Introduction

- 1 (05/14) The Specification for Highway Works is published as Volume 1 of the Manual of Contract Documents for Highway Works and in addition to this Introduction contains numbered Series and Lettered Appendices.
- 2 (05/14) 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. The current schedule is included here at Table 0/1.

001 (05/14) National Alterations of the Overseeing Organisations of Scotland, Wales and Northern Ireland

1 (05/14) Additional and Substitute specification requirements of Transport Scotland, the Welsh 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. (The suffix SE is also used in Series 1900 for National Alterations for the Overseeing Organisation of Scotland).

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

002 (05/14) Terms and Abbreviations

1 (05/14) Unless specifically defined otherwise the definitions of terms used in the Specification and associated documents are those in BS 6100, Building and Civil Engineering Vocabulary.

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

2 (05/14) Unless otherwise stated systems of quantities and units are in accordance with BS ISO 80000, Quantities and Units. Abbreviations listed in Table 0/2 have the meanings shown therein. Other abbreviations used in the Specification have meanings given in the relevant Clauses.

003 (05/14) Appendices

1 (05/14) Appendices identified by the letters A to H contain standard information and requirements.

2 (05/14) Numbered Appendices (identified by digits, e.g. 17/2) contain contract specific information and requirements. The contract specific Numbered Appendices incorporated in the Contract are listed in contract specific Appendix 0/3.

004 (05/14) Normative and Informative Reference Documents

1 (05/14) The following documents 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) Publications of the Department for Transport and other Government Offices;
- (vi) UK Overseeing Organisations' publications including their predecessor's publications;
- (vii) Transport Research Laboratory Reports;
- (viii) UK and EU Legislation;
- (ix) Quality Management Schemes Publications;
- (x) Miscellaneous.

2 (05/14) Where Standards and other documents are incorporated into the Contract by reference the respective edition used shall be that which is current at the Contract Reference Document Date unless otherwise stated in the Specification. The Contract Reference Document Date shall be as stated in the Preambles to the Specification or where no date is stated therein it shall be the tender invitation date.

(04/21) TABLE 0/1 SCHEDULE OF PAGES AND RELEVANT PUBLICATION DATES

| Series/Appendix | Page Number | Publication Date |
|-----------------|---|------------------|
| 000 | 1 to 3 | May 2014 |
| 000 | 6 to 7F | February 2016 |
| 000 | 4 to 5 | April 2021 |
| 100 | 1 to 2, 4 to 9, 12 to 29F, WF1, N2 to N11F | May 2014 |
| 100 | 3, 10 to 11, N1 | December 2014 |
| 200 | 1 to 3F | February 2016 |
| 300 | 1 | May 2001 |
| 300 | 4 | November 2002 |
| 300 | 2 to 3, 5 to 6F | May 2008 |
| 400 | 1, 9 to 11, 13, 17 to 20, 21, 23F | May 2017 |
| 400 | 2 to 8, 12,14 to 16, 22 | March 2020 |
| 500 | 1 to 2, 4 to 39F, N1 to N2F | February 2020 |
| 500 | 3 | March 2020 |
| 600 | 1 to 68, 70 to 77F, S1 to S4F, W1 to W4F, N1 to N5F | February 2016 |
| 600 | 69 | February 2017 |
| 700 | 1 to 36F, N1 to N6F | February 2016 |
| 800 | 1, 3 to 31 | February 2016 |
| 800 | 2, 32 to 38F | March 2020 |
| 900 | 3, 5 to 7, 21 to 32 | May 2018 |
| 900 | 1 to 2, 4, 8 to 20, 33 to 79F | July 2019 |
| 1000 | 1 to 51F | January 2020 |
| 1100 | 1 to 16F | February 2021 |
| 1200 | 5 | May 2001 |
| 1200 | 2 to 3, W1F | August 2003 |
| 1200 | 1, 14 to 16F | May 2004 |
| 1200 | 4, 9 to 11, 13 | May 2005 |
| 1200 | 12 | November 2006 |
| 1200 | 6 to 7, N1 to N4F | November 2007 |
| 1200 | 8 | May 2008 |
| 1300 | N2F | November 2003 |
| 1300 | 3 to 4 | November 2004 |
| 1300 | 1, 5 to 10, 12F | November 2005 |
| 1300 | 2, 11 and N1 | May 2006 |
| 1400 | 2, N1F | May 2001 |
| 1400 | 1, 3 to 9F | May 2006 |
| 1500 | 1 to 31F | February 2017 |
| 1600 | 1, 4 to 5, 9, 15, 17 to 18, 24 to 26, 29 to 31, 35, 38, 49F | March 1998 |
| 1600 | 2, 6 to 8, 10 to 14, 16, 19, 27 to 28, 32 to 34, 36 to 37, 39 to 42, 44 to 48 | November 2003 |
| 1600 | 3, 20 to 23, 43 | November 2005 |
| 1700 | 2, 4, 6 to 7, 19, 24 to 27, 30 to 34 | December 2014 |
| 1700 | 1, 3, 5, 8 to 18, 20 to 23, 28 to 29, 35 to 39F | March 2020 |
| 1800 | 1 to 39F | April 2021 |
| 1900 | 1 to 35F, S1 to S2F | August 2014 |
| 2000 | 1, 3 to 4F | May 2001 |

(04/21) **TABLE 0/1 SCHEDULE OF PAGES AND RELEVANT PUBLICATION DATES (Cond.)**

| Series/Appendix | Page Number | Publication Date |
|-----------------|-------------------------------------|------------------|
| 2000 | 2 | November 2004 |
| 2100 | 1 to 2F | February 2016 |
| 2300 | 1 | March 1998 |
| 2300 | 2 to 3F | May 2001 |
| 2400 | 1, 4, 7F | May 2005 |
| 2400 | 2 | May 2006 |
| 2400 | 3, 5 to 6 | May 2008 |
| 2500 | 1 | May 2001 |
| 2500 | 2, 8, 11F | November 2003 |
| 2500 | 10 | November 2004 |
| 2500 | 6 to 7, 9 | May 2005 |
| 2500 | 5 | May 2006 |
| 2500 | 3 to 4 | November 2006 |
| 2600 | 2 to 4 | November 2003 |
| 2600 | 5 | November 2004 |
| 2600 | 6 | May 2005 |
| 2600 | 7 | November 2006 |
| 2600 | 1, 8F | March 2020 |
| 3000 | 4 to 7, 10, 12 to 17, 19, 22 to 27F | May 2001 |
| 3000 | 20 | November 2004 |
| 3000 | 2 to 3 | May 2006 |
| 3000 | 8 to 9, 11, 18, 21 | May 2008 |
| 5000 | 1, 4 to 19F, S1F | May 2005 |
| 5000 | 2 to 3 | November 2008 |
| 5700 | 1 to 30F | February 2020 |
| Appendix A | 1 to 4F | May 2014 |
| Appendix B | 1 to 3F | May 2014 |
| Appendix C | 1 to 2F | May 2014 |
| #Appendix D | 1F | May 2014 |
| Appendix D (NI) | N1F | May 2014 |
| Appendix E | 1F | May 2014 |
| Appendix F | 1 to 60F | April 2021 |
| Appendix G | Not used | |
| Appendix H | 1 | May 2004 |
| Appendix H | 2 | November 2005 |
| Appendix H | 3 | November 2006 |
| Appendix H | 4 to 9F | November 2008 |

(12/14) TABLE 0/2 Abbreviations

| Abbreviation | Meaning |
|--------------|--|
| AASHTO | American Association of State Highway and Transportation Officials |
| AAV | Aggregate Abrasion Value |
| ACEC | Aggressive Chemical Environment for Concrete (Class) |
| 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 |
| CAC | Calcium Aluminate Cement |
| CBM | Cement Bound Material |
| CBR | California Bearing Ratio |
| CHS | Circular Hollow Section |
| CIRIA | Construction Industry Research and Information Association |
| CP | British Standard Code of Practice |
| CPD | Construction Products Directive |
| CPF | Controlled Permeability Formwork |
| CPR | Construction Products Regulation |
| DC | Design Chemical (Class) |
| EEA | European Economic Area |
| EN | European Standard |
| ETA | European Technical Assessment |
| FTD | Flat Traffic Delineator |
| EU | European Union |
| HAC | High Alumina Cement |
| 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 |
| NA | National Annex |
| NG | Notes for Guidance on the Specification for Highway Works |
| NHSS | National Highway Sector Scheme |
| NR | No Requirement |
| PC | Portland Cement |
| PD | Published Document – British Standards Institution |
| PRD | Percentage Refusal Density |
| PSV | Polished Stone Value |
| PVC | Polyvinyl Chloride |
| RA | Recycled Aggregate |
| RCA | Recycled Concrete Aggregate |
| RHS | Rectangular Hollow Section |
| SHW | Specification for Highway Works |
| SCC | Self Compacting Concrete |

| Abbreviation | Meaning |
|---------------------|---|
| SI | Statutory Instrument |
| SMC | Saturation Moisture Content |
| SRPC | Sulfate Resisting Portland Cement |
| TG | Technical Guide |
| TR | Technical Report |
| TRL (formerly TRRL) | Transport Research Laboratory (formerly Transport and Road Research Laboratory) |
| TSA | Thaumasite Sulfate Attack |
| TSRGD | Traffic Signs Regulations and General Directions |
| TSS | (Highways Agency) Traffic Systems and Signs |
| UKAS | United Kingdom Accreditation Service |
| PVC-U | Unplasticised Polyvinyl Chloride |
| XLPE | Cross-linked Polyethylene |
| DC | direct current |
| dft | dry film thickness |
| ggbs | ground granulated blast furnace slag |
| mc | moisture content |
| mdft | minimum dry film thickness (of paint) |
| omc | optimum moisture content |
| pfa | pulverised-fuel ash (also known as fly ash) |

005 (05/14) Thickness of Material and Tolerances

- 1 (05/14) Unless stated to the contrary, the thickness of material described shall mean the finished or compacted thickness.
- 2 (05/14) 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 (05/14) Acknowledgements

- 1 (05/14) The Overseeing Organisations acknowledge the permission given by:
 - (i) The British Standards Institution for reprinting extracts from BS 1722 and BS 6779.