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**SERIES 000  
INTRODUCTION**

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**Contents**

Clause	Title	Page
000	(05/14) Introduction	2
001	(05/14) National Alterations of the Overseeing Organisations of Scotland, Wales and Northern Ireland	2
002	(05/14) Terms and Abbreviations	2
003	(05/14) Appendices	2
004	(05/14) Normative and Informative Reference Documents	2
	(05/14) Schedule of Pages and Relevant Publication Dates	4
005	(05/14) Thickness of Material and Tolerances	7F
006	(05/14) Acknowledgements	7F

# 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.

SUPERSEDED

(05/17) **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	May 2017
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 to 24F	May 2017
500	23 to 24, 26	November 2004
500	28F	May 2005
500	3, 22, N1F	May 2006
500	2, 5, 27	November 2006
500	6, 25	November 2007
500	1, 4, 7 to 21	November 2009
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 to 31F	February 2016
900	2 to 5, 9 to 22, 24 to 26, 28 to 67F	August 2008
900	1, 6 to 8, S1F	November 2008
900	23, 27	May 2009
1000	1 to 45F	February 2016
1100	N1F	November 2006
1100	3	August 2008
1100	1 to 2, 4 to 6F	February 2017
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

(05/17) **TABLE 0/1 SCHEDULE OF PAGES AND RELEVANT PUBLICATION DATES (Cond.)**

Series/Appendix	Page Number	Publication Date
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	1 to 27F	December 2014
1800	1 to 35F	August 2014
1900	1 to 35F, S1 to S2F	August 2014
2000	1, 3 to 4F	May 2001
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	1	March 1998
2600	2 to 4	November 2003
2600	5	November 2004
2600	6	May 2005
2600	7F	November 2006
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
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 52F	May 2017
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.