
**VOLUME 0 MODEL CONTRACT
DOCUMENTS FOR
MAJOR WORKS AND
IMPLEMENTATION
REQUIREMENTS**

**SECTION 2 IMPLEMENTING
STANDARDS**

PART 24

SD 23/07

**IMPLEMENTATION OF NOVEMBER
2007 AMENDMENTS TO
SPECIFICATION FOR HIGHWAY
WORKS AND NOTES FOR GUIDANCE
ON SPECIFICATION FOR HIGHWAY
WORKS**

SUMMARY

This Standard introduces the November 2007 amendments to Specification for Highway Works and Notes for Guidance on Specification for Highway Works. Implementation requirements for the amendments are given for their use in trunk road including motorway contracts in the UK.

INSTRUCTIONS FOR USE

This is a new document to be incorporated into the manual.

1. Insert SD 23/07 into Volume 0, Section 2.
2. Archive this sheet as appropriate.

Note: A quarterly index with a full set of Volume Contents Pages is available separately from The Stationery Office Ltd.



THE HIGHWAYS AGENCY



TRANSPORT SCOTLAND



Llywodraeth Cynulliad Cymru
Welsh Assembly Government

WELSH ASSEMBLY GOVERNMENT
LLYWODRAETH CYNULLIAD CYMRU



THE DEPARTMENT FOR REGIONAL DEVELOPMENT
NORTHERN IRELAND

Implementation of November 2007 Amendments to Specification for Highway Works and Notes for Guidance on Specification for Highway Works

Summary: This Standard introduces the November 2007 amendments to Specification for Highway Works and Notes for Guidance on Specification for Highway Works. Implementation requirements for the amendments are given for their use in trunk road including motorway contracts in the UK.

REGISTRATION OF AMENDMENTS

Amend No	Page No	Signature & Date of incorporation of amendments	Amend No	Page No	Signature & Date of incorporation of amendments

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IMPLEMENTATION OF NOVEMBER 2007 AMENDMENTS TO SPECIFICATION FOR HIGHWAY WORKS AND NOTES FOR GUIDANCE ON SPECIFICATION FOR HIGHWAY WORKS

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1. INTRODUCTION AND IMPLEMENTATION

Introduction

1.1 This Standard introduces the November 2007 national amendments to the Specification for Highway Works (SHW), the Notes for Guidance on Specification for Highway Works (NfG), the Highway Construction Details (HCD) and Preparation of Bills of Quantities for Highway Works (MMHW).

1.2 The amendments are to be used in the preparation of documents for contracts for the construction, improvement or maintenance of trunk roads including motorways in England, Scotland, Wales and Northern Ireland. (In Northern Ireland the amended documents will be applicable to those roads designated by the Overseeing Organisation.)

1.3 This amending Standard is to be used in conjunction with:

SD 1/98 (Implementation of Specification for Highway Works and Notes for Guidance)

SD 2/92 (Implementation of Highway Construction Details)

SD 3/98 (Preparation of Bills of Quantities for Highway Works)

Annex C of SD 6/94 (Implementation of 1993 Annual Amendments to Specification for Highway Works and Notes for Guidance, Highway Construction Details and Preparation of Bills of Quantities for Highway Works)

Annex C of SD 6/95 (Implementation of 1994 Annual Amendments to Specification for Highway Works and Notes for Guidance, Highway Construction Details and Preparation of Bills of Quantities for Highway Works)

SD 6/98 (Implementation of 1998 Annual Amendments to Highway Construction Details)

SD 7/98 (Implementation of July 1998 Amendments to Specification for Highway Works, Notes for Guidance and Highway Construction Details)

SD 8/00 (Implementation of January 2000 and May 2000 Amendments to the Highway Construction Details)

SD 9/01 (Implementation of May 2001 Amendments to Specification for Highway Works and Notes for Guidance on Specification for Highway Works, Highway Construction Details and Preparation of Bills of Quantities for Highway Works)

SD 10/02 (Implementation of May 2002 Amendments to Specification for Highway Works and Notes for Guidance on Specification for Highway Works, Highway Construction Details and Preparation of Bills of Quantities for Highway Works)

SD 11/02 (Implementation of November 2002 Amendments to Specification for Highway Works and Notes for Guidance on Specification for Highway Works)

SD 12/02 (Implementation of February 2003 Amendments to Specification for Highway Works and Notes for Guidance on Specification for Highway Works, Highway Construction Details and Preparation of Bills of Quantities for Highway Works)

SD 13/03 (Implementation of May 2003 Amendments to Specification for Highway Works and Notes for Guidance on Specification for Highway Works and Preparation of Bills of Quantities for Highway Works)

SD 14/03 (Implementation of August 2003 Amendments to Specification for Highway Works and Notes for Guidance on Specification for Highway Works and Highway Construction Details)

SD 15/03 (Implementation of November 2003 Amendments to Specification for Highway Works and Notes for Guidance on Specification for Highway Works, Highway Construction Details and Preparation of Bills of Quantities for Highway Works)

SD 16/04 (Implementation of May 2004 Amendments to Specification for Highway Works and Notes for Guidance on Specification for Highway Works, Highway Construction Details and Preparation of Bills of Quantities for Highway Works)

SD 17/04 (Implementation of November 2004 Amendments to Specification for Highway Works, Notes for Guidance on Specification for Highway Works, Highway Construction Details and Preparation of Bills of Quantities for Highway Works)

SD 18/05 (Implementation of May 2005 Amendments to Specification for Highway Works, Notes for Guidance on Specification for Highway Works, Highway Construction Details and Preparation of Bills of Quantities for Highway Works)

SD 19/05 (Implementation of November 2005 Amendments to Specification for Highway Works, Notes for Guidance on Specification for Highway Works and Highway Construction Details)

SD 20/06 (Implementation of May 2006 Amendments to Specification for Highway Works, Notes for Guidance on Specification for Highway Works and Highway Construction Details)

SD 21/06 (Implementation of November 2006 Amendments to Specification for Highway Works, Notes for Guidance on Specification for Highway Works, Highway Construction Details and Preparation of Bills of Quantities for Highway Works)

SD 22/07 (Implementation of May 2007 Amendments to Specification for Highway Works, Notes for Guidance on Specification for Highway Works and Highway Construction Details)

SD 23/07 (Implementation of November 2007 Amendments to Specification for Highway Works and Notes for Guidance on Specification for Highway Works)

Implementation

1.4 Contracts for construction, improvement or maintenance of all UK trunk roads including

motorways (in Northern Ireland those roads designated by the Overseeing Organisation) shall be prepared using:

- (i) the documents contained in the Manual of Contract Documents for Highway Works (MCHW) March 1998 edition for Volumes 1 and 2, as amended in June, July, August 1998, May 2001, May 2002, November 2002, February 2003, May 2003, August 2003, November 2003, May 2004, November 2004, May 2005, November 2005, May 2006, November 2006, February 2007, May 2007 and November 2007.
- (ii) the 1991 edition for Volume 3 as amended in August 1993, August 1994, March 1998, July 1998, March 1999, January 2000, May 2000, May 2001, May 2002, February 2003, August 2003, November 2003, May 2004, November 2004, May 2005, November 2005, May 2006 and November 2006.
- (iii) the March 1998 edition for Volume 4 as amended in May 2001, May 2002, February 2003, May 2003, November 2003, May 2004, November 2004, May 2005 and November 2006.

Contracts for which tenders are to be invited after 1 May 2008 shall incorporate by reference the amendments implemented by this Standard, except where the preparation of a contract has reached a stage at which in the opinion of the Overseeing Organisation use of the amendments would result in significant additional expense or delay progress.

1.5 The method of incorporating the amendments to the SHW by reference in tender documents is explained in the Notes for Guidance, Series NG 000, and sub-Clause NG 000.4. The amendment to the Notes for Guidance includes a revised Schedule of Pages and Relevant Publication Dates. A model Preamble is included in the Notes for Guidance. The Preamble to the Specification and the Schedule of Pages and Relevant Publication Dates shall be reproduced unaltered and bound in the Specification with the Numbered Appendices.

1.6 The drawings from the HCD brought into the Contract by reference are to be listed in Appendix 0/4 and dated as appropriate (sub-Clause NG 003.13 and NG Sample Appendix 0/4 in the Notes for Guidance refer).

Superseded Text and Drawings

1.7 Superseded text and drawings in the MCHW Volumes 1, 2, 3 and 4 shall be retained:

- (i) for those schemes for which the Contract has already been awarded using contract documents incorporating by reference the superseded text; and
- (ii) for new schemes for which specific approval has been given to use the superseded text under paragraph 1.4 above.

In these cases, working copies of the MCHW should not have the new amendments incorporated.

1.8 Where working copies of the MCHW are maintained for use on new schemes not covered by the exceptions in paragraph 1.7 above, the superseded pages should be removed and replaced with amended pages (together with all new pages issued).

1.9 Instructions for incorporating the amendments are contained in the published amendment packages.

1.10 The Overseeing Organisations will ensure each office retains an archive copy of MCHW Volumes 0 to 6 incorporating the relevant amendments.

2. REFERENCES

2.1 Manual of Contract Documents for Highway Works:

Volume 0: Model Contract Document for Major Works and Implementing Requirements (MCHW 0)

Section 2: Implementing Standards

Part 1 SD 1/98 Implementation of Specification for Highway Works and Notes for Guidance

Part 2 SD 2/92 Implementation of Highway Construction Details (Paragraph 1.5 is superseded by SD 6/94)

Part 3 SD 3/98 Preparation of Bills of Quantities for Highway Works

Part 5 SD 6/94 Implementation of 1993 Annual Amendments to Specification for Highway Works and Notes for Guidance, Highway Construction Details and Preparation of Bills of Quantities for Highway Works

Part 5 SD 6/95 Implementation of 1994 Annual Amendments to Specification for Highway Works and Notes for Guidance, Highway Construction Details and Preparation of Bills of Quantities for Highway Works

Part 7 SD 6/98 Implementation of 1998 Annual Amendments to Highway Construction Details

Part 8 SD 7/98 Implementation of July 1998 Amendments to Specification for Highway Works, Notes for Guidance, and Highway Construction Details

Part 9 SD 8/00 Implementation of January 2000 and May 2000 Amendments to the Highway Construction Details

Part 10 SD 9/01 Implementation of May 2001 Amendments to Specification for Highway Works and Notes for Guidance on Specification for Highway Works, Highway Construction Details and Preparation of Bills of Quantities for Highway Works

Part 11 SD 10/02 Implementation of May 2002 Amendments to Specification for Highway Works and Notes for Guidance on Specification for Highway Works, Highway Construction Details and Preparation of Bills of Quantities for Highway Works

Part 12 SD 11/02 Implementation of November 2002 Amendments to Specification for Highway Works and Notes for Guidance on Specification for Highway Works

Part 13 SD 12/03 Implementation of February 2003 Amendments to Specification for Highway Works and Notes for Guidance on Specification for Highway Works, Highway Construction Details and Preparation of Bills of Quantities for Highway Works

Part 14 SD 13/03	Implementation of May 2003 Amendments to Specification for Highway Works and Notes for Guidance on Specification for Highway Works and Preparation of Bills of Quantities for Highway Works	Part 20 SD 19/05	Implementation of November 2005 Amendments to Specification for Highway Works, Notes for Guidance on Specification for Highway Works and Highway Construction Details
Part 15 SD 14/03	Implementation of August 2003 Amendments to Specification for Highway Works and Notes for Guidance on Specification for Highway Works and Highway Construction Details	Part 21 SD 20/06	Implementation of May 2006 Amendments to Specification for Highway Works, Notes for Guidance on Specification for Highway Works and Highway Construction Details
Part 16 SD 15/03	Implementation of November 2003 Amendments to Specification for Highway Works, Notes for Guidance on Specification for Highway Works, Highway Construction Details and Preparation of Bills of Quantities for Highway Works	Part 22 SD 21/06	Implementation of November 2006 Amendments to Specification for Highway Works, Notes for Guidance on Specification for Highway Works, Highway Construction Details and Preparation of Bills of Quantities for Highway Works
Part 17 SD 16/04	Implementation of May 2004 Amendments to Specification for Highway Works, Notes for Guidance on Specification for Highway Works, Highway Construction Details and Preparation of Bills of Quantities for Highway Works	Part 23 SD 22/07	Implementation of May 2007 Amendments to Specification for Highway Works, Notes for Guidance on Specification for Highway Works and Highway Construction Details
Part 18 SD 17/04	Implementation of November 2004 Amendments to Specification for Highway Works, Notes for Guidance on Specification for Highway Works, Highway Construction Details and Preparation of Bills of Quantities for Highway Works	Part 24 SD 23/07	Implementation of November 2007 Amendments to Specification for Highway Works and Notes for Guidance on Specification for Highway Works
Part 19 SD 18/05	Implementation of May 2005 Amendments to Specification for Highway Works, Notes for Guidance on Specification for Highway Works, Highway Construction Details and Preparation of Bills of Quantities for Highway Works	Volume 1:	Specification for Highway Works (MCHW 1)
		Volume 2:	Notes for Guidance on the Specification for Highway Works (MCHW 2)
		Volume 3:	Highway Construction Details (MCHW 3)
		Section 1:	Carriageway and Other Details
		Section 2:	Not Used (05/04)
		Section 3:	National Motorway Communications System Installation Drawings

Volume 4: Bills of Quantities for Highway Works
(MCHW 4)

Section 1: Method of Measurement for
Highway Works (MMHW)

Section 2: Notes for Guidance on the Method
of Measurement for Highway Works
(NGMMHW)

Section 3: Library of Standard Item
Descriptions (LSID)

3. ENQUIRIES

Approval of this document for publication is given by the undersigned:

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All technical enquiries or comments on this document should be sent in writing as appropriate to the above.

Schedule of November 2007 Amendments to Volume 1 (as amended in August 1998,
May 2001, May 2002, November 2002, February 2003, May 2003, August 2003,
November 2003, May 2004, November 2004, May 2005, November 2005, May 2006,
November 2006, May 2007 and November 2007)

Specification for Highway Works

Series	Additional Clauses/Tables/Figures	Amended Clauses/Tables/Figures
400	411.2	401.6; 401.6(i)(d) and 401.6(ii) deleted 402.4 411.1 411.2
500		503.3(c) 503.4 503.4(iii) deleted 503.5 505.3(iv) 505.4(iii) deleted 505.5
600		#601.12 #601.14(iii) deleted #601.15 Table 6/1, (6F1, 6F2, 6F3, 6F4, 6F5)
700	715.3 715.7 715.22 715.23 716.8 716.19 717 718 719 Table 7/6 Table 7/7	710.3 repeated (iv) renumbered (v) (v) renumbered (vi) (vi) renumbered (vii) 715.1 715.2 715.3 altered and renumbered 715.4 715.4 altered and renumbered 715.5 715.5 altered and renumbered 715.6 715.6 deleted 715.7 altered and renumbered 715.8 715.8 altered and renumbered 715.9 715.9 altered and renumbered 715.10 715.10 altered and renumbered 715.11 715.11 altered and renumbered 715.12 715.12 altered and renumbered 715.13 715.13 altered and renumbered 715.14 715.14 altered and renumbered 715.15 715.15 altered and renumbered 715.16 715.16 altered and renumbered 715.17 715.17 altered and renumbered 715.18 715.18 altered and renumbered 715.19 715.19 altered and renumbered 715.20 715.20 altered and renumbered 715.21 715.21 deleted 715.22 altered and renumbered 715.24 715.23 altered and renumbered 715.25 715.24 altered and renumbered 715.26 715.25 altered and renumbered 715.27 715.26 altered and renumbered 715.28 715.27 altered and renumbered 715.29 715.28 altered and renumbered 715.30

Schedule of November 2007 Amendments to Volume 1 (as amended in August 1998,
May 2001, May 2002, November 2002, February 2003, May 2003, August 2003,
November 2003, May 2004, November 2004, May 2005, November 2005, May 2006,
November 2006, May 2007 and November 2007)
Specification for Highway Works (continued)

Series	Additional Clauses/Tables/Figures	Amended Clauses/Tables/Figures
800	807	801.2; 801.2(iii) deleted 801.3 801.5 804.1 804.8, 9, 10, 11 deleted Table 8/1 Table 8/2 Table 8/3 Table 8/5
1200		#1212.2 #1212.4 #1212.19 1212NI.2 1212NI.4 1212NI.19
Appendix A Part 1	Table A/1: Quality Management Scheme 20 Table A/2: Scheme 17B and 20. The following Certification Bodies added to Table 2: Consortium for Automotive Registration Services (Quality Assurance) Ltd, ICS Registrars Ltd and TUV UK Quality Assurance Ltd	Table A/1 Table A/2
Appendix A Part 2	Scheme 12A/B Scheme 17B Scheme 20 The following added to Addresses of Certification Bodies: Consortium for Automotive Registration Services (Quality Assurance) Ltd, ICS Registrars Ltd and TUV UK Quality Assurance Ltd	Scheme 1 Scheme 2A Scheme 2B Scheme 2C amended and Note 6 deleted Scheme 4 Scheme 5 deleted and replaced by Scheme 5A and 5B Scheme 6 Scheme 7 Scheme 8 Scheme 9A Scheme 12A Scheme 12A/B Scheme 12C Scheme 12D Scheme 13A Scheme 13B Scheme 14 Scheme 15 Scheme 16 Scheme 18 Scheme 19A Scheme 21

Schedule of November 2007 Amendments to Volume 2 (as amended in August 1998,
May 2001, May 2002, November 2002, February 2003, May 2003, August 2003,
November 2003, May 2004, November 2004, May 2005, November 2005, May 2006,
November 2006, May 2007 and November 2007)

Specification for Highway Works

Series	Additional Clauses/Tables/Figures	Amended Clauses/Tables/Figures
NG100		Table NG1/1: Series 1200: 1212
NG400	NG402.3 NG411.2 NG Sample Appendix 4/1: Road Restraint Systems (Vehicle and Pedestrian) 2.5 2.6 2.10 2.11	NG402.3 renumbered NG402.4 NG402.4 renumbered NG402.5 NG402.5 renumbered NG402.6 NG402.6 renumbered NG402.7 NG402.7 renumbered NG402.8 NG Sample Appendix 4/1: Road Restraint Systems (Vehicle and Pedestrian) 2.5 renumbered 2.7 2.6 renumbered 2.8 2.7 renumbered 2.9 2.8 renumbered 2.12
NG700	NG716.1 NG716.4 NG716.5 NG716.6 NG716.7 NG717 NG718 NG719	NG715.1 to 8 deleted and replaced NG715.9 amended NG716.1.5(i) renumbered NG716.2 NG716.1.5(iv) altered and renumbered NG716.3 NG716.1.5(vi) to 7(ii) inclusive deleted NG716.2 deleted NG716.3 deleted NG716.4 deleted NG Sample Appendix 7/1 (schedule 5 – ref Clause 807) NG Sample Appendix 7/15 (amendments to clauses 1, 2, 3, 4, 5, 6, 7, 8, 9) NG Sample Appendix 7/16 (amendments to clauses 1, 2, 3, 4, 5, 6, 7) NG Sample Appendix 7/17 (amendments to column titles) NG Sample Appendix 7/19 deleted and replaced
NG800	NG807	NG800.1 NG801.18 updated contact details for The Met Office NG804.1 NG804.6 deleted NG804.7 deleted NG804.8 deleted NG804.9 deleted NG804.10 deleted NG804.11 deleted NG819.1 NG819.2 NG840.2
NG1200		NG1212.7