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

**SECTION 2 IMPLEMENTING
STANDARDS**

PART 28

SD 27/09

**IMPLEMENTATION OF MAY 2009
AMENDMENTS TO SPECIFICATION
FOR HIGHWAY WORKS, NOTES FOR
GUIDANCE ON SPECIFICATION FOR
HIGHWAY WORKS AND BILLS OF
QUANTITIES FOR HIGHWAY WORKS**

SUMMARY

This Standard introduces the May 2009 amendments to Specification for Highway Works, Notes for Guidance on Specification for Highway Works and Bills of Quantities for Highway Works. Implementation requirements for the amendments are given for their use in trunk road including motorways contracts in the UK.

INSTRUCTIONS FOR USE

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

1. Insert SD 27/09 into Volume 0, Section 2.
2. Please 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



SCOTTISH GOVERNMENT



Llywodraeth Cynulliad Cymru
Welsh Assembly Government

WELSH ASSEMBLY GOVERNMENT
LLYWODRAETH CYNULLIAD CYMRU



DRD

Department for
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THE DEPARTMENT FOR REGIONAL DEVELOPMENT
NORTHERN IRELAND

Implementation of May 2009 Amendments to Specification for Highways Works, Notes for Guidance on Specification for Highway Works and Bills of Quantities for Highway Works

Summary:

This Standard introduces the May 2009 amendments to Specification for Highway Works, Notes for Guidance on Specification for Highway Works and Bills of Quantities for Highway Works. Implementation requirements for the amendments are given for their use in trunk road including motorways 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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1. INTRODUCTION AND IMPLEMENTATION

Introduction

1.1 This Standard introduces the May 2009 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 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, 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)

SD 24/08 (Implementation of May 2008 Amendments to Specification for Highway Works and Notes for Guidance on Specification for Highway Works)

SD 25/08 (Implementation of August 2008 Amendments to Specification for Highway Works and Notes for Guidance on Specification for Highway Works)

SD 26/08 (Implementation of November 2008 Amendments to Specification for Highway Works, Notes for Guidance on Specification for Highway Works and Highway Construction Details)

SD 27/09 (Implementation of May 2009 Amendments to Specification for Highway Works, Notes for Guidance on Specification for Highway Works and Bills of Quantities 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, November 2007, May 2008, August 2008, November 2008 and May 2009.
- (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, November 2006 and November 2008.
- (ii) 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, November 2006 and May 2009.

Contracts for which tenders are to be invited after 1 November 2009 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 Highways 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 Highways 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

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|---------|----------|--|---------|----------|---|
| 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 and 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 and Preparation of Bills of Quantities for Highway Works |
| 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 | Part 25 | SD 24/08 | Implementation of May 2008 Amendments to Specification for Highway Works and Notes for Guidance on Specification 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 26 | SD 25/08 | Implementation of August 2008 Amendments to Specification for Highway Works and Notes for Guidance on Specification for Highway Works) |
| | | | Part 27 | SD 26/08 | Implementation of November 2008 Amendments to Specification for Highway Works, Notes for Guidance on Specification for Highway Works and Highway Construction Details |

Part 28 SD 27/09 Implementation of May 2009
Amendments to Specification
for Highway Works, Notes for
Guidance on Specification for
Highway Works and 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

All technical enquiries or comments on this Standard should be sent in writing as appropriate to:

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123 Buckingham Palace Road
London
SW1W 9HA

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Schedule of May 2009 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, November 2007, May 2008, August 2008, November 2008 and May 2009)

Specification for Highway Works

Series	Additional Clauses/Tables/Figures	Amended Clauses/Tables/Figures
Series 300		Series Title
Series 700		710.2
Series 800	810.6 813.5 to 813.20 815.2 and 815.3 816.5 817.6 to 817.8 818.3 821.5 822.5 823.5 and 823.6 831.6 and 831.7 832.6 and 832.7 835 840.4 to 840.5 871 880.6	810.1 to 810.5 811.1 and 811.2 812.1 to 812.4 812.5 deleted 813.1 to 813.4 814.1 to 814.3 814.4 to 814.22 deleted 815.1 816.1 to 816.4 817.1 to 817.5 818.1 to 818.2 819 clause deleted 820.1 and 820.2 821.1 to 821.4 822.1 to 822.4 823.1 to 823.4 824 clause deleted 830.1 to 830.5 831.1 to 831.5 832.1 to 832.5 834.1 to 834.4 840.1 to 840.3 870.1 to 870.12 880.1 to 880.5 Table 8/9 Table 8/10 Table 8/11 Table 8/12 Table 8/13 Table 8/14 Table 8/15 Table 8/16 deleted Table 8/17 deleted Table 8/18 deleted Table 8/19 deleted Table 8/20 deleted
Series 900		930.5 942.14
Appendix F		Consequential update to sections 1, 6, 7 and 12

Schedule of May 2009 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, November 2007, May 2008, August 2008, November 2008 and May 2009)

Notes for Guidances on the Specification for Highway Works

Series	Additional Clauses/Tables/Figures	Amended Clauses/Tables/Figures
Series NG 000		Tables NG 0/1, NG 0/2 and NG 0/3
Series NG 100		Table NG 1/1
Series NG 700		NG 710.1 and NG 710.2
Series NG 800	NG 810.11 to NG 810.15 NG 811.5 NG 813.6 to NG 813.16 NG 815.2 NG 816.2 to NG 816.4 NG 817 NG 818 NG 820.4 and NG 820.5 NG 821 NG 822 NG 823 NG 830, NG 831, NG 832, NG 834 and NG 835 NG 840.8 to NG 840.11	NG 810.1 to NG 810.10 NG 811.1 to NG 811.4 NG 813.1 to NG 813.5 NG 814.1 to NG 814.3 NG 814.5 to NG 814.7 deleted NG 815.1 NG 816.1 NG 819 deleted NG 820.1 to NG 820.3 NG 821, NG 822, NG 823, NG 830, NG 831, NG 832 and NG 834 deleted NG 840.1 to NG 840.7 NG 870.1 NG 870.2 to NG 870.4 deleted NG 880.1 and NG 880.2 NG 880.3 deleted Table NG 8/1 Table NG 8/2

Schedule of May 2009 Amendments to Volume 4 (as amended in March 1998, May 2001, May 2002, February 2003, May 2003, November 2003, May 2004, November 2004, May 2005, November 2006 and May 2009)

Notes for Guidances on the Specification for Highway Works

Series	Additional Clauses/Tables/Figures	Amended Clauses/Tables/Figures
Section 3 Series 700		Groups 1* to 4* and Group 6* Group 10*