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

**SECTION 2 IMPLEMENTING
STANDARDS**

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**

SUMMARY

This Standard introduces the 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. Implementation requirements for the amendments are given for their use in trunk road contracts in the UK.

INSTRUCTIONS FOR USE

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

1. Insert SD 18/05 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



SCOTTISH EXECUTIVE



Llywodraeth Cynulliad Cymru
Welsh Assembly Government

WELSH ASSEMBLY GOVERNMENT
LLYWODRAETH CYNULLIAD CYMRU



THE DEPARTMENT FOR REGIONAL DEVELOPMENT
NORTHERN IRELAND

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

Summary: This Standard introduces the 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. Implementation requirements for the amendments are given for their use in trunk road 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

REGISTRATION OF AMENDMENTS

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

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

**SECTION 2 IMPLEMENTING
STANDARDS**

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**

Contents

Chapter

1. Introduction and Implementation
2. References
3. Enquiries

Annex A Schedule of Amendments to Volume 1

Annex B Schedule of Amendments to Volume 2

Annex C Schedule of Amendments to Volume 3

Annex D Schedule of Amendments to Volume 4

1. INTRODUCTION AND IMPLEMENTATION

Introduction

1.1 This Standard introduces the May 2005 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 15/04 (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)

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 and May 2005.
- (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 and May 2005.
- (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 and May 2005.

Contracts for which tenders are to be invited after 1 November 2005 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 1, 2, 3 and 4 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	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
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	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)
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 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 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	
Volume 1:	Specification for Highway Works (MCHW 1)	
Volume 2:	Notes for Guidance on the Specification for Highway Works (MCHW 2)	

3. ENQUIRIES

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

Chief Highway Engineer
The Highways Agency
123 Buckingham Palace Road
London
SW1W 9HA

G CLARKE
Chief Highway Engineer

Chief Road Engineer
Scottish Executive
Victoria Quay
Edinburgh
EH6 6QQ

J HOWISON
Chief Road Engineer

Chief Highway Engineer
Transport Wales
Welsh Assembly Government
Cathays Park
Cardiff
CF10 3NQ

M J A PARKER
Chief Highway Engineer
Transport Wales

Director of Engineering
The Department for Regional Development
Roads Service
Clarence Court
10-18 Adelaide Street
Belfast BT2 8GB

G W ALLISTER
Director of Engineering

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

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

Specification for Highway Works

Series	Additional Clauses/Tables/Figures	Amended Clauses/Tables/Figures
Content		Content page
000		000.2 Table 0/1
100		105.3 152.2NAW
400		402.8 407.3
500		Table 5/1 Table 5/2 504.7(ii) #508.3 513.1(iii) 521.11 508.3NI
800	824: Cold Recycled Cement Bound Material	
900		901.1 923.5 929.21 939.6(b) 939.15 941.4(i)
1000		Title 1046 (deleted) (Relocated to Series 800 as Clause 824)
1200		1205.3 1205.4 #1213.3 #1213.4 #1213.8 1214.1 1214.10 1214.13 1214.22 1215.1 1216.2 (iii)(b) 1213.8NI
1400		1407.2(i) 1416.7
1700		1710.3 Table 17/2 1711.10 1713.1 1714.1

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

Series	Additional Clauses/Tables/Figures	Amended Clauses/Tables/Figures
1900		1901.2 1902.1 1902.4 1903.1 1903.6 1903.12 1903.14 1903.15 1903.18 1903.19 1904.1 1904.3 1904.5(i) to .(iii) 1904.6 1905.1(i) 1905.3(ii) 1906.7 1906.8 1906.11 1906.12 1906.13 1906.14 1906.16 1906.19 1906.23 1907.1 1907.3 1907.5 1907.8 1907.12 1908.1 1908.3 1908.4 1909.2(i) 1909.2(v) 1909.4 #1911.1 #1911.2 #1911.3 (original sub-Clause deleted and re-numbered) #1911.4 (re-numbered) #1911.5 (re-numbered) #1911.6 (re-numbered) #1911.7 (re-numbered) Table 19/1 Table 19/2A Table 19/2B Table 19/3A Table 19/3B #1911.8(ii) (and re-numbered) Table 19/4B Table 19/4C #1912.1 #1912.2

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

Series	Additional Clauses/Tables/Figures	Amended Clauses/Tables/Figures
1900 (concl)	#1912.6: Additional provision for A' sampling added	#1912.3 #1912.4 #1912.5 #1912.6 to .13 (re-numbered) #1912.9 #1912.14 1913.1 1913.2 1913.4 1913.5 1914.3(iii) 1914.4(i) 1914.7(ii) 1914.9 1914.10 1914.11 1914.12 1914.18 1914.19 1914.20 1914.23 1914.24 1915.1 1915.2 1915.3 1916.1 1916.6 1917.1 1917.1(iii) 1918.1 1918.2 #1920.1 1921.2 1921.4 1911.2SE 1911.3SE 1911.4SE 1911.5SE 1912.1SE 1912.3SE 1912.4SE 1920.2SE 1920.3SE

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

Series	Additional Clauses/Tables/Figures	Amended Clauses/Tables/Figures
2400	<p>Table 24/2: Performance Characteristic Requirements</p> <p>New title inserted before Clause 2404: Mortar Work Other Than Unreinforced Masonry Arch Bridges</p> <p>2417: Brick and Other Works for Unreinforced Masonry Arch Bridges: Unreinforced Masonry Arch Bridges</p> <p>Table 24/3: Performance Characteristic Requirements</p> <p>Table 24/4: Mortar Designation</p> <p>Table 24/5: Mortar compressive Strengths</p>	<p>2401.1(i) 2401.1(ii) 2401.1(iii) 2402.1 2404.3 2404.3 2404.6 2405.1 2406.1 2406.3 (deleted) 2406.4 (re-numbered) 2407.1 2410.2 2411.1 Table 24/3 (re-numbered from 24/2) 2414.1 2416</p>
2500		<p>2503.2 2503.7 2503.16 2503.19 Table 25/1</p>
2600		<p>2602.7 2606.2(ii)</p>
5000		<p>5001.2 5002.2 5002.5 5002.9 5002.11 5003.1 5003.3 5003.11 5003.17 5003.18 5004.1(v)(b) 5004.1(v)(d) 5004.3 5005.2(vi) 5006.1 #5007.1 #5007.2 #5007.3(deleted) #5007.4 (deleted) #5007.5 (re-numbered) #5007.6 (re-numbered) #5007.7 (re-numbered) 5008.2</p>

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

Series	Additional Clauses/Tables/Figures	Amended Clauses/Tables/Figures
5000 (concl)	#5009.6: Additional provision for A' sampling added	Table 50/1 Table 50/2 # 5009.1 # 5009.2 # 5009.3 # 5009.4 #5009.5 #5009.7 to 15 (and re-numbered) 5010.1 5010.2 5010.4 5010.5 5011.1 5011.2 5011.4 5012.3 5012.5 5012.10 5012.11 5012.14 5012.12 5012.15 5012.18 5012.32 5013.2 5014.2 (deleted) 5014.3 (re-numbered) 5015.1 5007.2SE 5007.6SE
Appendix A		All document
Appendix B		Section 1.1 Section 2
Appendix C		Consequential update
Appendix D		Consequential update
Appendix E		Consequential update
Appendix E (NI)		Consequential update
Appendix F		Consequential update
Appendix H		Consequential update

Schedule of May 2005 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 and May 2005)
Notes for Guidance on the Specification for Highway Works

NG Series	Additional Clauses NG/Tables NG/Figures NG	Amended Clauses NG/Tables NG/Figures NG
Content		Content page
000		Table NG 0/1 Table NG 0/3 Schedule of Pages and Relevant Publication Dates
100		104.2 104.3 104.4 104.5 104.13 104.14 104.15 104.16 104.19 Table NG 1/2 104.25 105.2 Table NG 1/1
700		NG Sample Appendix 7/1: Schedules 5 and 6 NG Sample Appendix 7/19
800	824: Cold Recycled Cement Bound Material	
900		953.12 Fig NG 9/1
1000		Title 1046 (deleted – Relocated to Series NG 800)
1200		1218.1 1218.2 (deleted) 1218.3 (re-numbered) 1218.2 (deleted) 12.18.5 (re-numbered) 1218.6 (re-numbered)
1900		1901.1 1901.2 1901.3 1901.5 1902.4 1902.8 1902.9 1903.2 1903.3 1903.9 1903.19 1904.1 1904.5

Schedule of May 2005 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 and May 2005)
Notes for Guidance on the Specification for Highway Works (continued)

NG Series	Additional Clauses NG/Tables NG/Figures NG	Amended Clauses NG/Tables NG/Figures NG
1900 (cont)	<p>Table NG 19/1: Title and Number added to existing un-numbered table</p>	1906.1 1906.4 1906.9 1906.13 1906.14 1906.15 1907.1 1907.2 1907.4 1907.6 1908.1 1908.2 1909.2 1910.1 1911.1 1911.3 1911.4 1911.5 1911.6(i) to .(iv) 1911.8 1911.9 1911.11(ii) 1911.11(iv)(b) 1911.12(iii) 1911.13(ii) to.(iv) 1911.14(iii) #1912.1 #1912.3 #1912.4 #1912.5 #1912.7 #1912.10 1913.2 1913.5 1914.3 1914.4 1914.5 1914.6 1914.7 1914.8 1914.9 1914.10 1915.1 1915.3 1916.2 1916.5 1917.2 #1918.2 1920.1 1921.1 Appendix 19/1 Appendix 19/2

Schedule of May 2005 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 and May 2005)
Notes for Guidance on the Specification for Highway Works (continued)

NG Series	Additional Clauses NG/Tables NG/Figures NG	Amended Clauses NG/Tables NG/Figures NG
1900 (concl)		Appendix 19/3 Appendix 19/4 NG Sample Appendix 19/5 1912SE (deleted) Appendix 19/4SE 1903.2NI 1903.3NI 1903.5NI 1903.9NI 1903.19NI 1912.2NI 1912.3NI 1912.4NI 1912.8NI Appendix 19/4NI
2400	2417: Brick and Other Works for Unreinforced Masonry Arch Bridges: Unreinforced Masonry Arch Bridges	2401.1 2404.4 (deleted) 2404.5 (deleted) Table NG 24/1 2404.6 (re-numbered) 2406.1 2407.1 2409.1 2412.2 2412.3 2412.5 2413.4 2414.1 2415.1 NG Sample Appendix 24/1
2500		NG Sample Appendix 25/3
5000		5001.3 5001.5 5001.6 5001.8 5002.2 #5003.1 #5003.11 #5003.20 5004.2 5004.5 5005.1 5006.1 5007.2 5007.3 5007.4 5007.5 5007.6(i) to.(iv) Table NG 50/1

Schedule of May 2005 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 and May 2005)

Notes for Guidance on the Specification for Highway Works (concluded)

NG Series	Additional Clauses NG/Tables NG/Figures NG	Amended Clauses NG/Tables NG/Figures NG
5000 (concl)		5008.4(ii)(b) 5008.5 5008.5(iv) 5008.5(v) 5008.5(vi) 5008.5(vii) to .(xii) (re-numbered) #5009.3 #5009.4 #5009.5 #5009.7 #5009.8 #5009.9 #5009.10 #5009.11 5010.1 5010.2 5010.5 5011.1 5011.3 5012.1 5012.4 5012.5 5012.6 5012.7 5012.8 5012.10 #5015.1 Appendix 50/1 Appendix 50/2 Appendix 50/3 Appendix 50/4 NG Sample Appendix 50/5 Appendix 50/4SE 5003.1NI 5003.11NI 5003.20NI 5009.3NI 5009.4NI 5009.6NI 5009.7NI 5009.8NI 5009.9NI Appendix 50/4NI
Annex 1		Consequential amendments

Schedule of May 2005 Amendments to Volume 3, Sections 1, 2 and 3
(as last amended in May 2001, May 2002, February 2003, August 2003, November 2003,
May 2004, November 2004 and May 2005)

Note: Section 2 of Volume 3 was removed from Volume 3 in May 2004

Highway Construction Details

Series	New Drawings	Amended Drawings
Section 1		
Series F		F13 Issue D and F14 Issue D
Section 3		
MCX		MCX 0582 Sheet 1/3 Issue K and MCX 0582 Sheet 2/3 Issue E

Schedule of May 2005 Amendments to Volume 4

(as last amended in March 1998, May 2001, May 2002, February 2003, May 2003, August 2003, November 2003, May 2004, November 2004 and May 2005)

Bills of Quantities for Highway Works

Section 1: Method of Measurement for Highway Works

Chapter	Series	Additional Paragraphs/Tables	Amended Paragraphs/Tables
IV	Series 500		Heading above paragraph 60
	Series 500		61
	Series 500		62
	Series 500		63
	Series 500		64
	Series 500		68
	Series 500		74
	Series 1100		Heading above paragraph 23
	Series 1100		23
	Series 1100		25
	Series 1100		26
	Series 1400		12
	Series 1400	Heading above paragraph 33	
	Series 1400	33	
	Series 1400	34	
	Series 1400	35	
	Series 1500		12

Schedule of May 2005 Amendments to Volume 4

(as last amended in March 1998, May 2001, May 2002, February 2003, May 2003,
 November 2003, May 2004, November 2004 and May 2005)

Bills of Quantities for Highway Works

Section 3: Library of Standard Item Descriptions for Highway Works

Series	Additional Paragraphs/Tables	Amended Paragraphs/Tables
100		Root Narrative
100		11
500		Root Narrative
500		Heading above paragraph 38 amended
500		38
500		39
1100	Root Narrative	Root Narrative
1100		Heading above paragraph 11 amended
1100	New 12 inserted	
1100		13 Renumbered
1100	Variables	
1100	21	
1400	Root Narrative	Root Narrative
1400		3
1400	New 4 inserted	
1400		5 Renumbered
1400	New 6 inserted	
1400		7 Renumbered
1400	New 8 inserted	
1400		9 Renumbered
1400		10 Renumbered
1400		11 Renumbered
1400		12 Renumbered
400		13 Renumbered
1400		14 Renumbered
1400	New heading inserted above paragraph 15	
1400	15	
1400	Variables	
1400	22	
1500	Root Narrative	Root Narrative
1500		3
1500	New 4 inserted	
1500		5 Renumbered
1500	New 6 inserted	
1500		7 Renumbered
1500	New 8 inserted	
1500		9 Renumbered
1500		10 Renumbered
1500		11 Renumbered
1500		12 Renumbered
1500		13 Renumbered
1500		14 Renumbered
1500		15 Renumbered
1500		16 Renumbered
1500		17 Renumbered
1500		18 Renumbered
1500		19 Renumbered
1500		20 Renumbered
1500		21 Renumbered
1500		22 Renumbered
1500	Variables	
1500	36	