

WM2 – Overview of Changes

This document records changes made to Technical Guidance WM2 subsequent to the publication of the 1st Edition on 2003. Three revisions have occurred;

- 2nd Edition (November 2005) : The implementation of the Hazardous Waste Regulations in England and Wales, and amendments to the Special Waste Regulations in Scotland, required an update to WM2.
- Version 2.1 (August 2006) :The release of the 8th Edition of the Approved Supply list required a correction to some chemical references and examples in WM2. Other minor errors identified since November 2005 were also corrected.
- Version 2.2 (May 2008) : This document was produced following a consultation on proposals to align the assessment of H14 Ecotoxic more closely with CHIP. The major change was a replacement of chapter C14.

Summary of Changes to Parts 1-3 (Introduction)

Page	Change (2nd Edition : Nov 2005)
Page 2	<ul style="list-style-type: none">• Reference to ACDP removed
Page 6	<ul style="list-style-type: none">• Short paragraph on domestic legislation added
Page 9	<ul style="list-style-type: none">• Assessment Framework updated
Page 10-11	<ul style="list-style-type: none">• Additional information on domestic legislation added• EWC information reduced, referred to Appendix A
Page 12	<ul style="list-style-type: none">• ASL information updated- R50-53 and ASL footnotes
Page 16	<ul style="list-style-type: none">• Update to reflect amended framework (see page 9)
Page 18	<ul style="list-style-type: none">• R20 & 22 order changed.
Page 26	<ul style="list-style-type: none">• Table alignment corrected.
All	<ul style="list-style-type: none">• Title Page, Footnotes amended to include '2nd edition'

Page	Change (version 2.1 : August 2006)
Page 2	<ul style="list-style-type: none">• ASL reference changes to current edition, not 7th.
Page 11	<ul style="list-style-type: none">• Text and Footnote reference to ASL 7th edition, changed to most recent edition.
Page 12	<ul style="list-style-type: none">• Note on ASL version added• Cadmium sulphide risk phrases updated
Page 25	<ul style="list-style-type: none">• Text on electronic goods aligned with existing Appendix

	B examples.
all	<ul style="list-style-type: none"> • Footnote amended to v2.1.
various	<ul style="list-style-type: none"> • Spelling, alignment and other typographical corrections

Page	Change (version 2.2 : February 2008)
Front Pages	<ul style="list-style-type: none"> • Updated to version 2.2
Page 12	<ul style="list-style-type: none"> • Bullet on ASL numeric notes updated for revised H14.
Page 13,14	<ul style="list-style-type: none"> • Text on testing updated for revised H14
Page 16	<ul style="list-style-type: none"> • Example, step 6, updated for revised H14
Page 21	<ul style="list-style-type: none"> • Table 3.1 updated for revised H14
all	<ul style="list-style-type: none"> • Footnote amended to v2.2.
various	<ul style="list-style-type: none"> • Spelling, alignment and other typographical corrections • Minor changes to ensure consistency with H14

Summary of Changes to Appendix A

Page	Change (2nd Edition : Nov 2005)
All	<ul style="list-style-type: none">• Footnotes amended to include '2nd edition'
A1-2	<ul style="list-style-type: none">• Pages A1 and A2 replaced by updated pages A1-4.• Includes brief notes on the structure of the list• Minor amendments to instructions for use• Table of chapter headings inserted.
A6 (now A8)	<ul style="list-style-type: none">• 05 01 12* changed to an absolute entry for oils• Example text altered to reflect absolute status
A2-A26	<ul style="list-style-type: none">• Page numbers increased by 2.

Page	Change (version 2.1 : August 2006)
all	<ul style="list-style-type: none">• Footnotes amended to v2.1.

Page	Change (version 2.2 : Febuary 2008)
all	<ul style="list-style-type: none">• Footnotes amended to v2.2.

Summary of Changes to Appendix B

Page	Change (2 nd Edition : Nov 2005)
All	<ul style="list-style-type: none"> Footnotes amended to include '2nd edition'
B3	<ul style="list-style-type: none"> 01 05 05* changed from an absolute to a mirror entry (as in Appendix A currently) Example text altered to reflect mirror status
B9	<ul style="list-style-type: none"> 05 01 12* changed to an absolute entry for oils Example text altered to reflect absolute status
B20	<ul style="list-style-type: none"> Missing word 'substances' inserted for 08 03 17* Ecotoxic(H8) changed to Ecotoxic(H14)
B37	<ul style="list-style-type: none"> Restructured to remove confusion as page header refers to chapter 13, and examples are chapter 17 and 10.
B41	<ul style="list-style-type: none"> Minor comment on source of information added.
B43	<ul style="list-style-type: none"> Text inserted to clarify assessment for mirror entries for electrical goods and hazardous components Subtext entry '16 02 15' corrected to '16 02 16'
B47	<ul style="list-style-type: none"> Threshold at end of Example B16.3 corrected from 10% to 20%
B51	<ul style="list-style-type: none"> Contaminated land example replaced by the example from the framework for soils.
B52	<ul style="list-style-type: none"> Asbestos example amended to remove reference to consignment
B53	<ul style="list-style-type: none"> 'Cytotoxic and Cytostatic' defined.
B58	<ul style="list-style-type: none"> Risk phrases for nickel corrected, copper removed. Text restructured to reflect changes.
B59	<ul style="list-style-type: none"> 'Cytotoxic and Cytostatic' defined. 20 01 35* corrected to remove (6), note on components and assessment added.

Page	Change (version 2.1 : August 2006)
Page B6	<ul style="list-style-type: none"> • Example B2.3, Fenoxycarb risk phrases and threshold concentration amended.
Page B5	<ul style="list-style-type: none"> • Example B5.1, Phenol risk phrases and threshold concentrations amended, text also amended.
Page B14	<ul style="list-style-type: none"> • Example B6.2, Arsenic risk phrases and threshold concentrations amended, text also amended.
Page B15	<ul style="list-style-type: none"> • Example B6.3, Mercury Sulphate risk phrase corrected.
Page B19	<ul style="list-style-type: none"> • Example B7.1, Zinc risk phrase corrected.
Page B22	<ul style="list-style-type: none"> • Example B8.3, Hexane risk phrases corrected • Example B8.3, Toluene risk phrases corrected • Example B8.3, Lead Chromate risk phrases corrected • Example B8.3, Strontium Chromate category of danger corrected.
Page B38	<ul style="list-style-type: none"> • Example B14.1, 1,1,2 trichloroethane risk phrases corrected. • Example B14.1, 2-nitrotoluene changed to 4-nitrotoluene to match risk phrases.
Page B46	<ul style="list-style-type: none"> • Example B16.2, Benzene risk phrases corrected.
Page B47	<ul style="list-style-type: none"> • Example B16.3, Nickel oxide risk phrases corrected.
Page B51	<ul style="list-style-type: none"> • Example B17.1, Copper (I) Oxide risk phrases corrected • Example B17.1, Zinc Oxide risk phrases added • Example B17.1, recalculated.
Page B58	<ul style="list-style-type: none"> • Example B19.2, Lead Hydroxide , R33 added
all	<ul style="list-style-type: none"> • Footnotes amended to v2.1.
various	<ul style="list-style-type: none"> • Spelling, alignment and other typographical corrections

Page	Change (version 2.2 : February 2008)
Page B1	<ul style="list-style-type: none"> • Note on using the current edition of the ASL added
Page B5	<ul style="list-style-type: none"> • Example B2.1 updated for H14 (no substantive change) • Example B2.2 updated for H14 (no substantive change)
Page B6	<ul style="list-style-type: none"> • Example B2.3 updated for H14 (no substantive change)
Page B8	<ul style="list-style-type: none"> • Example B4.1 updated for H14 (no substantive change)
Page B10	<ul style="list-style-type: none"> • Example B5.1 updated for H14 (no substantive change)
Page B14	<ul style="list-style-type: none"> • Example B6.2 updated for H14 (no substantive change)
Page B15	<ul style="list-style-type: none"> • Example B6.3 updated for H14 (no substantive change)
Page B19	<ul style="list-style-type: none"> • Example B7.1 updated for H14 (no substantive change)
Page B21	<ul style="list-style-type: none"> • Example B8.1 updated for H14 (no substantive change)
Page B22	<ul style="list-style-type: none"> • Example B8.3 revised to align with new chapter C14.
Page B32	<ul style="list-style-type: none"> • Example B11.1 updated for H14 (no substantive change)
Page B35	<ul style="list-style-type: none"> • Text on PCB's updated
Page B36	<ul style="list-style-type: none"> • Example B13.1 updated for H14 (no substantive change)
Page B41	<ul style="list-style-type: none"> • Example B15.1 revised to align with the new chapter C14
Page B42	<ul style="list-style-type: none"> • Example B15.1 revised to align with the new chapter C14
Page B43	<ul style="list-style-type: none"> • Two sections of text on PCB's updated
Page B47	<ul style="list-style-type: none"> • Example B16.3 updated for H14 (no substantive change) • Example B16.4 revised to align with the new chapter C14
Page B51	<ul style="list-style-type: none"> • Example B17.1 replaced with revised pages B51-B53
Pages B52 to B60	<ul style="list-style-type: none"> • Renumbered B54-62
Page B52	<ul style="list-style-type: none"> • (Renumbered B54) • Example B17.3 text on PCB's updated
Page B58	<ul style="list-style-type: none"> • (Renumbered B60) • Example revised to align with new chapter C14
all	<ul style="list-style-type: none"> • Footnotes amended to v2.1.
various	<ul style="list-style-type: none"> • Spelling, alignment and other typographical corrections • Minor changes to ensure consistency with H14

Summary of Changes to Appendix C

Page	Change (2 nd Edition : Nov 2005)
All	<ul style="list-style-type: none"> • Footnotes amended to include '2nd edition'
C4	<p>H1 : Explosive</p> <ul style="list-style-type: none"> • C1.5- 'controlled waste' replaced by 'directive waste'
C9	<p>H2: Oxidising</p> <ul style="list-style-type: none"> • Figure C2.1, '>5% available oxygen' replaced by '0.5% available oxygen to match text
C22	<p>H4/H8 : Irritant and Corrosive</p> <ul style="list-style-type: none"> • C4.1. sentence on mechanical irritants inserted.
C32 C34	<p>H5/H6 : Harmful and Toxic</p> <ul style="list-style-type: none"> • C5.5. 'R65' added to list of risk phrases • Figure C5.1, 'R38' changed to 'R48'
C40 C41-44	<p>H7 : Carcinogenic</p> <ul style="list-style-type: none"> • Figure C7.1 R40 threshold changed to 1% • New pages added to incorporate oil thresholds guidance, and amended to clarify mirror entry aspects. • Subsequent page numbering increased by 4
C43-C50	<p>H9 : Infectious</p> <ul style="list-style-type: none"> • Renumbered C47-C54 • Text and Flow Charts updated
C65	<p>H12 : Produces Toxic Gases in Contact with Water, Air or Acid</p> <ul style="list-style-type: none"> • Renumbered C69 • Table text realigned • Reference to SWEN 068 removed • Text from SWEN 068 inserted

	H14 : Ecotoxic
C69	<ul style="list-style-type: none"> Note on meaning of 'hyphen' in R50-53 inserted
C70	<ul style="list-style-type: none"> Renumbered C74 Reference to C14.4.2 inserted after non-aquatic environment
C75	<ul style="list-style-type: none"> Reference to C14.1 and C14.2 amended (see below)
C76	<ul style="list-style-type: none"> Table C14.1 deleted due to clarify assessment Further explanatory text for C14.2 inserted
C77	<ul style="list-style-type: none"> Table C14.2 renumbered C14.1 (see above)

Page	Change (version 2.1 : August 2006)
various	<ul style="list-style-type: none"> Directive Test Method references corrected to 92/69/EC
C14	<ul style="list-style-type: none"> H3 Flow chart corrected
C17	<ul style="list-style-type: none"> Table 3.1, Zinc powder/zinc dust deleted
C25	<ul style="list-style-type: none"> H4 and H8 flow chart corrected
	H7 : Carcinogenic
C41-43	<ul style="list-style-type: none"> Oil related assessment text deleted. Separate guidance on waste oils and oily wastes is under preparation.
all	<ul style="list-style-type: none"> Footnotes amended to v2.1.
various	<ul style="list-style-type: none"> Spelling, alignment and other typographical corrections

Page	Change (version 2.2 : February 2008)
C14	<ul style="list-style-type: none"> Chapter replaced
all	<ul style="list-style-type: none"> Footnotes amended to v2.2.
various	<ul style="list-style-type: none"> Spelling, alignment and other typographical corrections

Summary of Changes to Appendix D

Page	Change (2nd Edition : Nov 2005)
All	<ul style="list-style-type: none">• Footnotes amended to include '2nd edition'

Page	Change (version 2.1 : August 2006)
all	<ul style="list-style-type: none">• Footnote amended to v2.1.

Page	Change (version 2.2 : February 2008)
all	<ul style="list-style-type: none">• Footnote amended to v2.2.

Summary of Changes to Glossary and Index

Page	Change (2nd Edition : Nov 2005)
All	<ul style="list-style-type: none">• Changes above reflected.
	<ul style="list-style-type: none">• Footnotes amended to include '2nd edition'

Page	Change (version 2.1 : August 2006)
all	<ul style="list-style-type: none">• Changes to Chapter C page numbers made
all	<ul style="list-style-type: none">• Footnote amended to v2.1.

Page	Change (version 2.2 : February 2008)
all	<ul style="list-style-type: none">• Changes to Chapter B page numbers made
all	<ul style="list-style-type: none">• Footnote amended to v2.2.