

Summary of changes to chapters as a result of review and updating

As at April 2020

In review Major review required In development Future planned

Concept	Chap No	Current year	Sub concept	Author	Summary of changes
	1.1	2019	Foreword and acknowledgements		
	1.2	2020	Contents		Updated as new and updated chapters added
	1.3	2019	Synopsis		
Introduction	2	2019	Introduction	Pam Pryor	Minor updates to reflect developments and changed processes since 2012.
The OHS Professional	3.1	2012	The OHS Professional in Australia, 2012		
	3.2		The OHS Professional: National and International Perspectives		
Global concepts					
Work	4		Work	Mark Griffin	
Safety	5	2019	Safety	Sidney Dekker	A totally new chapter which presents a view of the <i>Safety</i> as a global concept in 2019.
Health	6	2019	Health	David Beaumont	
Technical concepts					
Human (individual)	7	2019	The human as a biological system		
	8.1		Basic psychological principles to be re-		

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			developed as People as individuals		
	8.2		Individual differences and work		
	8.3		Basic principles of social interaction to be re-developed as People in Organisations		
Socio-political context	9.1	2019	Socio-political context for OHS in Australia	Elizabeth Bluff	Republished with substantial updating and title change to reflect developments in the regulatory and wider context for OHS since publication of the first edition.
	9.2	2020	WHS law in Australia	Neil Foster, Barry Sherriff, Eric Windholz, Leo Ruschena	Re-published with minor changes and changes to title. Work Health and Safety (WHS) is used as the title of this chapter as it specifically refers to Australian WHS legislation.
The organisation	10.1		The Organisation		
	10.2.1	2019	Organisational culture : A search for meaning	David Borys	Originally written in 2014 and titled <i>Organisational Culture</i> this chapter is re-published as an introduction and companion to the 2019 chapter <i>Organisational Culture: Reviewed and Repositioned</i>
	10.2.2	2020	Organisational culture: Practice – research gap	David Borys	A companion chapter to <i>OHS BoK 10.2.1 Organisational Culture: A Search for Meaning</i> . Readers interested in the literature and research on organisational culture prior to 2014 may find it useful to read that chapter as background.
	10.3		Governance and OHS		
	11		Left blank		
Systems	12.1		Systems		
	12.2		OHS management systems		
	12.3.1	2020	Rules procedures and documentation	David Provan Drew Rae	New chapter.

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	12.3.2	2020	Usability of procedures	Klaus Hofer	
	12.4		Contractors and CoR		
	12.5		OHS performance evaluation		
	12.6		Investigations	Geoff Dell	
	13	2019	Managing process safety	Trish Kerin	Re-published with updated references and process safety elements mapped to ISO 45001, Occupational Health and Safety.
Hazards and their mechanisms of action and related controls	14	2019	Foundation science	Pam Pryor Michael Capra	Re-published with minor updates to describe the underpinning science-based knowledge to understand and control hazards.
	15	2019	Hazard as a concept	Pam Pryor	Re-published with updated references, consideration of psychosocial hazards and revised implications for practice.
	16		Biomechanical		
	17.1		Chemical hazards		
	17.2		Dusts, fibres and particles		
	17.3		Management of chemical hazards		
	17.4	2019	Process hazards (Chemical)	Trish Kerin	Chapter re-published with updated references
	18	2019	Biological hazards		
	19		Psycho-social hazards and occupational stress		
	20		Fatigue		
	21		Bullying, aggression and violence		
		22.1	2019	Occupational Noise	Beno Groothoff

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					noise consist mainly of updating the Model Work Health and Safety legislation references to reflect latest editions of regulations and codes of practice and the inclusion of the guidance material on noise management as published by Safe Work Australia
	22.2	2019	Vibration	Beno Groothoff	The original chapter has been split into two chapters: 22.1 Occupational Noise and 22.2 Vibration. The changes incorporated into this chapter on vibration consist mainly of updating the Model Work Health and Safety legislation references to reflect latest editions of regulations and codes of practice and the inclusion of the guidance material on vibration noise management as published by Safe Work Australia published by Safe Work Australia in October 2015.
	23.1	2019	Electricity	Leo Ruschena	Major changes to reflect increasing recognition of the role of the generalist OHS professional in management of electrical safety hazards. Addition of an appendix on arc flash.
	23.2	2019	Electricity – Appendix Arc Flash	Brett Cleaves	New chapter.
	24		Ionising radiation	Martin Ralph	
	25	2019	Non-ionising radiation	Leo Ruschena Martin Ralph	This second edition has minor updates to text and references.
	26	2019	Thermal environment	Ross Dicorleto	The chapter has been updated with current referencing and reflect recent research.
	27	2019	Gravitational	Neil Adams	Key changes from the previous version have involved updating statistics and references to source materials including those for standards, codes of practice, and other guidance information. Some emphasis has been added to the need to ensure that environments that are not only designed and constructed to be safe, but are monitored/measured over time, and repaired/replaced as necessary due to deteriorating safety performance (eg. because of wear).
	28		Mechanical plant	Roger Lim	
	29		Mobile plant		
	30		Vehicles and occupational road use	Rwth Stuckey	Chapter revised to include up-to-date injury, fatality and other relevant data and reflect changes in legislation and practice.

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Risk	31.1	20	Risk	Jean Cross	Chapter updated to reflect changes resulting from a new ISO standard and to include other recent references.
	31.2	2019	OHS Risk and decision-making	Carmel Bofinger, Jan Hayes, Chris Bearman, Derek Viner	Chapter re-published with updated references.
Causation	32		Models of occurrence causation (safety)		
	33		Models of causation (health determinants)		
Control	34.1	2019	Control: Prevention and intervention	Leo Ruschena	Published in 2017 with changes including updating of legislation references and inclusion of a discussion of critical controls with further update in 2019.
	34.2	2019	Introduction to user-centred safe design	Tim Horberry, Robin Burgess-Limerick, Neil Storey, Matthew Thomas, Leo Ruschena, Margaret Cook, Chad Pettitt	Minor revision to title, extra introductory material and updated references throughout
	34.3	2019	Health and safety in design	AIHS	New chapter
	34.4		Design of work		
	35	2019	Mitigation of Health impacts	AIHS	Major review resulting in a new chapter.

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	36	2019	Emergency management	Andrew Stanbury	Comprising major review to align with national and international standards, and to incorporate lessons learned from major emergency events around the world.
Practice					
	37.1		Introduction to Practice		
	37.2	2019	Model of OHS practice	Pam Pryor Susanne Tepe	Revised and updated in 2019 to reflect experience in applying the model as well as developments in the profession.
	37.3		OHS professional practice for the 2020s		
Professional attributes	38.1		Working in organisations		
	38.2		Leadership and the OHS Professional		
	38.3		Professional practice and ethics	AIHS	New chapter
Practice skills	39.1		The OHS Professional as critical consumer of research		
	39.2		The OHS Professional as a workplace researcher		