

LEARNING OUTCOMES

17.1 Managing Hazardous Chemicals

	Cognitive level	What the graduate should be able to do	Context	Level
Operational activities that a <u>new graduate</u> generalist OHS professional would be expected to undertake related to the topic	5	17.1-1 Contribute to the <u>development</u> of a management system to minimise risk associated with hazardous chemicals.	For a nominated situation or workplace. Within a small organisation or section of a larger organisation. With support/input by experienced professionals and /or technical specialists	In liaison with managers, supervisors and technical personnel. Taking account of relevant legislation and standards.
	5	17.1-2 <u>Facilitate</u> development and implementation of control strategies for specific hazardous chemicals.	For a nominated situation or workplace. Within a small organisation or section of a larger organisation. For a nominated scenario. With support/input by experienced professionals and /or technical specialists.	In liaison with managers, supervisors, technical personnel and worker representatives. Taking account of relevant legislation and standards and the hierarchy of control. Documented in a report to management
	5	17.1-3 Facilitate the <u>development and implementation</u> of processes to monitor and evaluate control strategies for hazardous chemicals.	For a nominated situation or workplace. For a nominated scenario. Within a small organisation or section of a larger organisation. With support/input by experienced professionals and /or technical specialists as appropriate.	In liaison with managers, supervisors, technical personnel and worker representatives. Documented in a report to management. With sign off by a technical specialist as appropriate.
Well-developed / advanced cognitive and technical skills to analyse, critically evaluate and transform information to complete activities related to the topic	6	17.1-4 <u>Apply</u> knowledge of the health effect of hazardous chemicals to identify hazardous chemicals present in a workplace.	For a nominated situation or workplace. Within a small organisation or section of a larger organisation. With support/input by experienced professionals and /or technical specialists as appropriate.	With reference to chemical registers, chemical labels, safety data sheets and hazardous chemical databases. Taking account of relevant legislation and standards In consultation with appropriate workplace personnel. With sign off by a technical specialist as appropriate. Documented in a report to management.

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	Cognitive level	What the graduate should be able to do	Context	Level
	6	17.1-5 Apply knowledge of the risk factors for hazardous chemicals and appropriate risk assessment strategies to <u>assess/evaluate</u> risks associated with hazardous chemicals.	For a nominated situation or workplace. For a nominated scenario. Within a small organisation or section of a larger organisation. With support/input by experienced professionals and /or technical specialists as appropriate.	Taking account of relevant legislation and standards In consultation with appropriate workplace personnel. With sign off by a technical specialist as appropriate. Documented in a report to management.
Analyse and generate solutions to complex problems related to the topic	3	17.1-6 <u>Identify</u> when specialist advice is required and define the scope of work to engage services of appropriate specialists.	For a nominated situation or workplace. For a nominated scenario. Within a small organisation or section of a larger organisation.	Documented in a report to management.
	3	17.1-7 <u>Engage</u> with relevant personnel to implement the risk management strategy for hazardous chemicals.	For a nominated situation or workplace. Within a small organisation or section of a larger organisation.	Relevant personnel include managers, supervisors, job planners and worker representatives.
Transmit knowledge, skills and ideas to others	3	17.1-8 Interpret information to explain the risk associated with hazardous chemicals, the way by which they may cause harm, the level of risk and rationale for control strategies.	Information may include specialist reports.	Communication strategies and language appropriate to the audience.
	2	17.1-9 Explain the work, health and safety procedures relating to managing the risk of hazardous chemicals.	In procedures, training and other awareness material.	To staff and contractors. Communication strategies and language appropriate to the audience.
Demonstrate the required underpinning science and/or psychology (is this physiology?) knowledge		Underpinning science: as it relates to the behavior of chemicals and the physiological and biological effects of chemicals on the human body. The Human: 7 The Human as Biological System as related to the effect of chemicals on the body.		
Integration of knowledge from other chapters		12.1 Systems; and Systems thinking 31.1 Risk (as it applies to managing hazardous chemicals) 17.2 Health Effects of Hazardous Chemicals ; 17.4 Process Hazards (Chemical) 33 Models of Causation: Health 34.1 Prevention and Intervention		