

LEARNING OUTCOMES

27 Gravitational Hazards

	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	27-1 <u>Develop</u> criteria for design or modification of the workplace to minimise slip, trip and fall (STF) hazards and falls from heights.	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 With awareness of relevant legislation and standards including the Building Design Regulations.
	5	27-2 <u>Facilitate</u> development and implementation of control strategies for STF and falls from heights.	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, technical personnel and worker representatives Taking account of relevant legislation and standards.
Well-developed/advanced cognitive and technical skills to analyse, critically evaluate and transform information to complete activities related to the topic	6	27-3 <u>Apply</u> a knowledge of the mechanisms of STF and falls from heights and the regulatory framework together with knowledge of the workplace to <u>identify</u> and <u>assess/evaluate</u> the STF and fall from heights hazards and associated risk.	For a nominated situation or workplace. For a nominated scenario. Within a small organisation or section of a larger organisation. Using pre-developed and tested tools available in the workplace, the industry or obtained from other recognized sources.	In consultation with appropriate workplace personnel. With sign off by a second/experienced professional where the risk may be critical. Documented in a report to management.
	5	27-4 <u>Develop</u> processes to monitor and evaluate control strategies for STF and falls from heights.	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.
Analyse and generate solutions to complex problems related to the topic	3	27-5 <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.

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	Cognitive level	What the graduate should be able to do	Context	Level
	5	27-6 <u>Apply</u> knowledge of the mechanisms of STF and falls from heights and the hierarchy of control to <u>develop</u> a hazard management strategy for gravitational hazards.	For a nominated situation or workplace. For a nominated scenario. Within a small organisation or section of a larger organisation.	Documented as a management system document.
	3	27-7 <u>Engage</u> with relevant personnel to implement the gravitational hazard management strategy.	For a nominated situation or workplace. Within a small organisation or section of a larger organisation.	Relevant personnel include managers, supervisors, and worker representatives.
Transmit knowledge, skills and ideas to others	3	27-8 <u>Interpret</u> information to explain STF and falls from heights, the level of risk and rationale for control strategies.	Information may include specialist reports.	Communication strategies and language appropriate to the audience.
	2	27-9 <u>Explain</u> the workplace safety procedures relating to gravitational hazards.	In induction and similar processes.	To all staff and contractors Communication strategies and language appropriate to the audience.
Demonstrate the required underpinning science and/or psychology knowledge		Underpinning science: related to the physics of gravity, potential and kinetic energy and momentum, friction.		
Integration of knowledge from other chapters		31.1 Risk as it applies to gravitational hazards 34.1 Prevention and Intervention as it applies to gravitational hazards. 34.2 Introduction to User-Centred Safe Design 34.3 Health and Safety in Design.		