

# LEARNING OUTCOMES

## 16 Work-related Musculoskeletal Disorders



	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	2	<b>16-1 Explain</b> the role of workplace environmental factors in causation of WMSDs.	Within a small organisation or section of a larger organisation.	With reference to both the physical and psychological environment.
	5	<b>16.2 Facilitate</b> the design of work, tasks and equipment to minimise hazards related to WMSDs.	For a nominated situation or workplace. Within a small organisation or section of a larger organisation. With support/input by technical specialists as appropriate	Advocating for, and supporting, the engagement of workers in the design process In liaison with managers, supervisors, technical personnel and specialist advisors Taking account of relevant legislation and standards.
	5	<b>16-3 Develop</b> criteria and process for purchase of equipment to minimise WMSDs.	For a nominated situation or workplace. Within a small organisation or section of a larger organisation. With support/input by technical specialists as appropriate.	Enabling input by workers to selection of equipment In liaison with managers, supervisors and technical personnel. Taking account of relevant legislation, codes of practice and standards.
Well-developed/advanced cognitive and technical skills to analyse, critically evaluate and transform information to complete activities related to the topic	6	<b>16-4 Apply</b> a multifactorial systems approach to identify WMSDs.	For a nominated situation or workplace. For an actual/nominated scenario. Within a small organisation or section of a larger organisation. With support/input by technical specialist.	In consultation with, and input by, appropriate workplace personnel including workers, supervisors, managers and functional roles. Considering both physical and psychosocial factors Documented in a report to management.

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	5	<b>16-5 Develop</b> processes to monitor and evaluate control strategies for WMSDs.	For a nominated situation or workplace. For an actual/nominated scenario. Within a small organisation or section of a larger organisation. With support/input by technical specialist.	Addressing both physical and psychosocial factors. Documented in a report to management.
Analyse and generate solutions to complex problems related to the topic	3	<b>16-6 Promote</b> a team approach to identifying and addressing problems associated with WMSDs.	For a nominated situation or workplace. Within a small organisation or section of a larger organisation.	Involving workers, supervisors and management functions such as production and procurement as appropriate.
	5	<b>16-7 Apply</b> knowledge of WMSD causation to <u>develop</u> interventions to proactively prevent or minimise workers' exposure to WMSD hazards.	For a nominated situation or workplace. For an actual/nominated scenario. Within a small organisation or section of a larger organisation. With support/input by technical specialist.	Interventions based on strategies in the higher levels of the hierarchy of controls for WMSDs. Documented in a report to management.
	3	<b>16-8 Identify</b> when specialist advice is required and define the scope of work to engage services of appropriate specialists.	For a nominated situation or workplace. Within a small organisation or section of a larger organisation.	Documented in a report to management.
Transmit knowledge, skills and ideas to others	3	<b>16-9 Interpret</b> information to explain the multifactorial and cumulative nature of WMSDs and rationale for control strategies.	Information may include specialist reports.	Explanation addresses both physical and psychosocial factors and latency and cumulative effect on expression of symptoms. Communication strategies and language are appropriate to the audience.
	2	<b>16-10 Explain</b> the workplace safety procedures and support systems relating to minimising WMSDs.	In induction and similar processes.	To staff and contractors. Communication strategies and language are appropriate to the audience.
Demonstrate the required underpinning science and/or psychology knowledge		Underpinning science: as it relates to the physics of forces and how the forces of movement may cause damage to the anatomical structures in the human body The Human: As a biological system and how the other body systems and conditions can impact on the risk of MSDs.		
Integration of knowledge from other chapters		19 Psychosocial hazards		