

# LEARNING OUTCOMES

## 22.2 Vibration



	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	<b>22.2-1</b> <u>Develop</u> criteria for design of the workplace to minimise hazards related to vibration	For a nominated situation or workplace. Within a small organization or section of a larger organization. With support/input by technical specialists.	In liaison with managers, supervisors, technical personnel and specialist advisors Taking account of relevant legislation and standards.
	5	<b>22.2-2</b> <u>Develop</u> criteria for design or purchase of equipment to minimise vibration	For a nominated situation or workplace. Within a small organization or section of a larger organization. With support/input by technical specialists as appropriate.	In liaison with managers, supervisors and technical personnel. Taking account of relevant legislation, codes of practice and standards.
	5	<b>22.2-3</b> <u>Apply</u> knowledge of acoustics to <u>facilitate</u> development and implementation of control strategies to minimise exposure to vibration	For a nominated situation or workplace. Within a small organization or section of a larger organization. With support/input by technical specialists.	In liaison with managers, supervisors, technical personnel and worker representatives. Taking account of relevant legislation and standards. With sign off by technical specialist where the risk is high.
Well-developed/advanced cognitive and technical skills to analyse, critically evaluate and transform information to complete activities related to the topic	6	<b>22.2-4</b> <u>Apply</u> knowledge of the effects of vibration on the individual and relevant legislation <u>identify</u> and <u>assess/evaluate</u> vibration hazards.	For a nominated situation or workplace. For an actual/nominated scenario. Within a small organization or section of a larger organization. With support/input by technical specialist.	In consultation with appropriate workplace personnel. With sign off by a technical specialist where the risk may be high. Documented in a report to management.
	5	<b>22.2-5</b> <u>Develop</u> processes to monitor and evaluate control strategies for vibration.	For a nominated situation or workplace. For an actual/nominated scenario. Within a small organization or section of a larger organization.	Documented in a report to management.

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	Cognitive level	What the graduate should be able to do	Context	Level
Analyse and generate solutions to complex problems related to the topic	3	<b>22.2-6</b> <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. Within a small organization or section of a larger organization.	Documented in a report to management
Transmit knowledge, skills and ideas to others	3	<b>22.2-7</b> <u>Interpret</u> information to explain the health effects of whole body and hand-arm vibration and the rationale for control strategies	Information may include specialist reports.	Communication strategies and language are appropriate to the audience.
	2	<b>22.2-8</b> <u>Explain</u> the workplace safety procedures relating to minimising exposure to vibration and, where required, the use of PPE	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: related to the physics of vibration. The Human: 7 As a biological system related to the impact of vibration on anatomical structures.		
Integration of knowledge from other chapters		31.1 Risk as it applies to vibration hazards 34.1 Prevention and Intervention as it relates to vibration.		