

LEARNING OUTCOMES

34.2 Introduction to User- Centred Design

See also learning outcomes for 34.3 Health and Safety in Design.

	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	34.2-1 <u>Develop</u> criteria to ensure user input to procurement decisions.	Users include those who install, commission, operate, maintain, decommission and dispose of procured items. Within a small organisation or section of larger organisation.	In liaison with managers, technical and operations specialists and worker representatives. Documented as part of a management system. Taking account of relevant legislation and standards.
	5	34.2-2 <u>Develop</u> criteria to ensure user input to design decisions.	Users include those who install, commission, operate, maintain and decommission and dispose of procured items. Within a small organisation or section of larger organisation.	In liaison with managers, technical and operations specialists and worker representatives. Documented as part of a management system. 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	5	34.2-3 <u>Develop</u> criteria and processes to monitor and assess the effectiveness of user input to design and procurement processes.	For a nominated situation or workplace. Within a small organisation or section of larger organisation.	In liaison with managers, supervisors, specialist advisors and worker representatives. Documented as part of a management system.
Analyse and generate solutions to complex problems related to the topic	5	34.2-4 <u>Facilitate</u> user input early in the procurement and design process.	Users include those who install, commission, operate, maintain and decommission and dispose of procured items. For a nominated situation or workplace.	Applying appropriate hazard identification and risk assessment tools. Taking account of relevant legislation and standards Outcomes reflect principles of control including hierarchies of control.

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	Cognitive level	What the graduate should be able to do	Context	Level
			Within a small organisation or section of larger organisation.	
Transmit knowledge, skills and ideas to others	2	34.2-5 Explain to workplace stakeholders the rationale and benefits of engaging users early in the design and procurement process.	Workplace stakeholders may include managers, supervisors, worker representatives, OHS committees, those in functional roles such as procurement, finance and technical services.	Communication strategies and language appropriate to the audience.
Demonstrate the required underpinning science and/or psychology knowledge		The Human: 8.1 People as Individuals*; 8.2 People in Organisations*; 8.3 Individual Differences and Work*.		
Integration of knowledge from other chapters		10.2 Organisational Culture; 12.1 Systems. Hazard chapters applicable to the design under consideration. 32 Models of Causation: Safety; 33 Models of Causation: Health 34.1 Prevention and Intervention; 34.3 Health and Safety in Design.		