LEARNING OUTCOMES

23.1 Electricity

	Cognitive level	What the graduate should be able to do	Context	Level
Operational activities that a new graduate generalist OHS professional would be expected to undertake related to the topic	5	**23.1-1** Influence design and procurement to minimise electrical hazards	For a nominated situation or workplace. Within a small organisation or section of a larger organisation.	In liaison with managers, supervisors, technical and procurement personnel. Taking account of relevant legislation and standards.
	5	**23.1-2** Develop and maintain safe systems of work relating to electricity.	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.	Taking account of the regulations related to electricity. Systems of work may include tag-out/lockout and permit to work systems as appropriate.
	3	**23.1-3**Influence job planning to minimise electrical hazards.	In routine, maintenance or shut down situations.	In liaison with supervisors and technical personnel.
Well developed/advanced cognitive and technical skills to analyse, critically evaluate and transform information to complete activities related to the topic	6	**23.1-4** Apply knowledge of the regulatory framework for electricity together with knowledge of electricity as a hazard to identify and assess/evaluate the hazard 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 recognised 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	**23.1-5** Develop processes to monitor and evaluate control strategies.	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	**23.1-6** Identify 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.

LEARNING OUTCOMES

	Cognitive level	What the graduate should be able to do	Context	Level
	5	**23.1-7** Apply knowledge of electrical hazards including situations such as static and combustible environments to develop a hazard management strategy for electricity.	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.
	5	**23.1-8** Facilitate development and implementation of control strategies for electrical hazards.	For a nominated situation or workplace. Within a small organisation or section of a larger organisation	In liaison with managers, supervisors, technical personnel and worker representatives. Taking account of relevant legislation and standards.
	3	**23.1-9** Engage with relevant personnel to implement the electrical hazard management strategy.	For a nominated situation or workplace. For a nominated scenario. Within a small organisation or section of a larger organisation.	Relevant personnel include managers, supervisor, job planners and worker representatives.
Transmit knowledge, skills and ideas to others	3	**23.1-10** Interpret information to explain electricity as a hazard and the way in which it causes harm, the level of risk and rationale for control strategies.	Information may include specialist reports.	Communication strategies and language are appropriate to the audience.
	2	**23.1-11** Explain the workplace safety procedures relating to electricity.	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 electricity and the physiology of electric shock. The Human: 7 As a biological system related the physiology of electric shock		
Integration of knowledge from other chapters		28 Mechanical Plant; 29 Mobile Plant 31.1 Risk as it applies to electrical hazards 34.1 Prevention and Intervention		