



23 OHSBoK LO: Hazard - Electricity

	<i>What cognitive level?</i>	<i>What should the graduate be able to do?</i>	<i>In what context?</i>	<i>To what level?</i>
Operational activities that a <u>new graduate</u> generalist OHS professional would be expected to undertake related to the topic	5	23.1 Influence the design and procurement of the workplace and equipment to minimize electrical hazards	For a nominated situation or workplace. Within a small organization or section of a larger organization.	In liaison with managers, supervisors, technical and procurement personnel. Taking account of relevant legislation and standards.
	5	23.2 Facilitate development and implementation of control strategies for electrical hazards	For a nominated situation or workplace. Within a small organization or section of a larger organization	In liaison with managers, supervisors, technical personnel and worker representatives. Taking account of relevant legislation and standards.
	5	23.3 Develop and maintain safe systems of work relating to electricity	For a nominated situation or workplace. For a nominated scenario. Within a small organization or section of a larger organization. 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	23.4 Influence job planning to minimize 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	23.5 Apply knowledge of the regulatory framework for electricity together with knowledge of electricity as a hazard to <u>identify</u> and <u>assess/evaluate</u> the hazard and associated risk	For a nominated situation or workplace. For a nominated scenario. Within a small organization or section of a larger organization. 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	23. 6 Develop processes to monitor and evaluate control strategies	For a nominated situation or workplace. For a nominated scenario.	Documented in a report to management



	<i>What cognitive level?</i>	<i>What should the graduate be able to do?</i>	<i>In what context?</i>	<i>To what level?</i>
			Within a small organization or section of a larger organization	
Analyse and generate solutions to complex problems related to the topic	3	23.7 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 organization or section of a larger organization	Documented in a report to management.
	5	23.8 Apply knowledge of electrical hazards including situations such as static and combustible environments to <u>develop</u> a hazard management strategy for electricity	For a nominated situation or workplace. For a nominated scenario. Within a small organization or section of a larger organization	Documented as a management system document.
	3	23.9 Engage with relevant personnel to implement the electrical hazard management strategy	For a nominated situation or workplace. For a nominated scenario. Within a small organization or section of a larger organization.	Relevant personnel include managers, supervisor, job planners and worker representatives.
Transmit knowledge, skills and ideas to others	3	23.10 Interpret information to explain electricity as a hazard and the way in which it causes harm, the level of risk and rational for control strategies	Information may include specialist reports.	Communication strategies and language are appropriate to the audience.
	2	23.11 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: As a biological system related the physiology of electric shock		
Integration of knowledge from other chapters		Causation; Control; Risk as it applies to electrical hazards Plant; Mobile Plant		