



24 OHSBoK LO: Hazard - Ionising radiation

	<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	24.1 <u>Develop</u> criteria for design or modification of the workplace to minimise hazards related to ionising radiation.	For a nominated situation or workplace. Within a small organization or section of a larger organization. With support/input by experienced professionals and /or technical specialists.	In liaison with managers, supervisors and technical personnel Taking account of relevant legislation and standards.
	5	24.2 <u>Facilitate</u> development and implementation of control strategies for ionizing radiation.	For a nominated situation or workplace. Within a small organization or section of a larger organization. With support/input by experienced professionals and /or technical specialists.	In liaison with managers, supervisors, technical personnel and worker representatives. Taking account of relevant legislation and standards.
	5	24.3 <u>Develop and maintain</u> a safe system of work relating to ionising radiation.	For a nominated situation or workplace. Within a small organization or section of a larger organization. With support/input by experienced professionals and /or technical specialists.	System of work includes routine and non routine operations.
Well developed/advanced cognitive and technical skills to analyse, critically evaluate and transform information to complete activities related to the topic	6	24.4 <u>Apply</u> knowledge of the health effects of ionizing radiation to identify and <u>assess/evaluate</u> the hazard and associated risks.	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 as appropriate.	In consultation with appropriate workplace personnel. With sign off by a technical specialist where the risk may be critical. Documented in a report to management.
	5	24.5 <u>Develop</u> processes to monitor and evaluate control strategies for ionizing radiation.	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.
Analyse and generate solutions	3	24.6 <u>Identify</u> when specialist	For a nominated situation or workplace.	Documented in a report to



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to complex problems related to the topic		advice is required and define the scope of work to engage services of appropriate specialists	For a nominated scenario. Within a small organization or section of a larger organization.	management.
	5	24.7 Apply knowledge of the health effects of ionizing radiation, the regulatory framework and standards to <u>develop</u> a hazard management strategy for ionising radiation.	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	24.8 Engage with relevant personnel to implement the ionising radiation hazard management strategy.	For a nominated situation or workplace. 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	24.9 Interpret information to explain the health effects of ionising radiation, 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 appropriate to the audience.
	2	24.10 Explain the work, health and safety procedures relating to ionizing radiation.	In induction and similar processes.	To all staff and contractors. Communication strategies and language appropriate to the audience.
Demonstrate the required underpinning science and/or psychology knowledge		Underpinning science: as it relates to the behavior of ionising radiation and the physiological effects on the human body. The Human: As a biological system related to the effect of ionizing radiation on the body.		
Integration of knowledge from other chapters		Causation; Control; Risk as it applies to ionizing radiation Systems.		