

LEARNING OUTCOMES

26 Thermal Environment



	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	26-1 <u>Develop</u> criteria for design or modification of the workplace to minimise hazards related to thermal environment.	For a nominated situation or workplace. Within a small organisation or section of a larger organisation. 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	26-2 <u>Facilitate</u> development and implementation of control strategies for thermal environment.	For a nominated situation or workplace. Within a small organisation or section of a larger organisation. 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	26-3 <u>Develop and maintain</u> a safe system of work relating to thermal environment.	For a nominated situation or workplace. Within a small organisation or section of a larger organisation. With support/input by experienced professionals and /or technical specialists.	System of work may include routine and non-routine tasks, operational and maintenance operations.
Well-developed/advanced cognitive and technical skills to analyse, critically evaluate and transform information to complete activities related to the topic	6	26-4 <u>Apply</u> knowledge of the health effects and other hazards of thermal environments to <u>identify</u> and <u>assess/evaluate hazard and</u> associated risks.	For a nominated situation/scenario. For an actual/nominated workplace. 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. Taking account of relevant legislation and standards. With sign off by a technical specialist where the risk may be critical. Documented in a report to management.
	5	26-5 <u>Develop</u> processes to monitor and evaluate control strategies	For a nominated situation or scenario For an actual/nominated workplace. Within a small organization or section of a larger organization.	Documented in a report to management.

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Analyse and generate solutions to complex problems related to the topic	3	26-6 <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 scenario. For an actual/nominated workplace. Within a small organisation or section of a larger organisation.	Documented in a report to management.
	5	26-7 <u>Apply</u> knowledge of the health effects of thermal environments, the regulatory framework and standards to <u>develop</u> a hazard management strategy for thermal environments.	For a nominated situation or scenario. For an actual/nominated workplace. Within a small organisation or section of a larger organisation.	Documented as a management system document.
	3	26-8 <u>Engage</u> with relevant personnel to implement the thermal environment hazard management strategy.	For a nominated situation or workplace. 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	26-9 <u>Interpret</u> information to explain the health and other effects of thermal environment, 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	26-10 Explain the work, health and safety procedures relating to thermal environment.	In induction and similar processes.	To 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 physiology of heat and cold on the body. The Human: 7 As a biological system and the and the physiology of heat and cold on the body.		
Integration of knowledge from other chapters		31.1 Risk as it applies to thermal environments. 34.1 Prevention and Intervention as it applies to thermal environments.		