

**UoC: UEENEEE101A- Apply Occupational Health and Safety regulations, codes and practices in the workplace CIII-Core and CII-Elective**

***Essential Performance Capabilities (from the 55 EPC's specified by ERAC for an Electrical license) that relate to UEENEEE101A include:***

42 Describe basic statutory occupational safety and health responsibilities for employers and employees, including supervisory requirements and employees' own "duty of care". Asbestos awareness and reporting. Hazardous gases

43 Demonstrate understanding of the requirements for personal safety in the workplace and application of safety practices.

45 Demonstrate the knowledge and practices that are essential for working safely with electrical equipment and tools, for safe manual handling, working safely at heights and in confined spaces. Knowledge of testing and tagging procedures to AS/NZS 3760.

46 Describe the method of rescuing a person in contact with live electrical conductors or equipment.

47 Describe the emergency first aid requirements for an electric shock victim and demonstrate the knowledge and application skill of CPR.

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hazardous substances and dangerous goods	Pethebridge, Electrical Wiring Practice 8e	2.3 Workplace hazards and risk control measures	Q8, Q31	Q13		Q9		
classification of chemicals as hazardous substances and/or dangerous goods	Pethebridge, Electrical Wiring Practice 8e	2.3 Workplace hazards and risk control measures				Q9	Slide 13,14,15	
requirements for labelling of chemicals in the workplace	Pethebridge, Electrical Wiring Practice 8e	2.3 Workplace hazards and risk control measures				Q9		
safe storage procedures for chemicals	Pethebridge, Electrical Wiring Practice 8e	2.3 Workplace hazards and risk control measures				Q9		
purpose and interpretation of material safety data sheet (MSDS)	Pethebridge, Electrical Wiring Practice 8e	2.3 Workplace hazards and risk control measures		Q8		Q9		
<b>T5 Working at heights encompassing:</b>								
dangers associated with working on ladders and scaffolds	Pethebridge, Electrical Wiring Practice 8e	2.3 Workplace hazards and risk control measures	Q42, Q43		Q5	Q10	Slide 16	
identification of work area as a height risk and use appropriate safety equipment to prevent a fall	Pethebridge, Electrical Wiring Practice 8e	2.3 Workplace hazards and risk control measures		Q15, Q16	Q5	Q10	Slide 16	
selecting an appropriate ladder for a given situation and perform a safety check before use	Pethebridge, Electrical Wiring Practice 8e	2.3 Workplace hazards and risk control measures	Q42		Q5	Q10	Slide 16	
precautions that should be taken when ascending and working off a ladder	Pethebridge, Electrical Wiring Practice 8e	2.3 Workplace hazards and risk control measures	Q43		Q5	Q10	Slide 16	
precautions that should be taken when working on and around a scaffold and elevated platforms	Pethebridge, Electrical Wiring Practice 8e	2.3 Workplace hazards and risk control measures		Q14, Q15	Q5	Q10	Slide 16	
<b>T6 Confined spaces encompassing:</b>								
hazards associated with working in a confined space	Pethebridge, Electrical Wiring Practice 8e	2.3 Workplace hazards and risk control measures		Q16		Q11	Slide 17	
identifying workplace situations that could be classified as a confined space	Pethebridge, Electrical Wiring Practice 8e	2.3 Workplace hazards and risk control measures	Q23	Q16		Q11	Slide 17	
control measures for working in a designated confined space	Pethebridge, Electrical Wiring Practice 8e	2.3 Workplace hazards and risk control measures	Q22	Q17		Q11	Slide 17	
<b>T7 Physical and psychological hazards encompassing:</b>								
short and long term effects of excessive noise and techniques to avoid damage to hearing due to excessive noise	Pethebridge, Electrical Wiring Practice 8e	2.5 Hazards of working with electricity	Q44			Q12a	Slide 18	
effects of vibration on the human body and work practices to protect against vibration	Pethebridge, Electrical Wiring Practice 8e	2.5 Hazards of working with electricity	Q44			Q12b	Slide 18	
effects of thermal stress on the human body and work practices to protect against thermal stress	Pethebridge, Electrical Wiring Practice 8e	2.5 Hazards of working with electricity		Q18		Q12c, Q12d	Slide 18	
effects of ultraviolet (UV) radiation on the human body and work practices to protect against UV radiation	Pethebridge, Electrical Wiring Practice 8e	2.5 Hazards of working with electricity	Q24			Q12e	Slide 18	
dangers associated with laser operated equipment and tools and suitable protective measures to overcome the danger.	Pethebridge, Electrical Wiring Practice 8e	2.5 Hazards of working with electricity				Q12f	Slide 18	
occupational overuse syndrome, how it occurs and means to overcome it	Pethebridge, Electrical Wiring Practice 8e	2.5 Hazards of working with electricity	Q44			Q12g	Slide 18	
factors that cause stress in the workplace, symptoms of a person suffering from stress and personal stress management techniques	Pethebridge, Electrical Wiring Practice 8e	2.5 Hazards of working with electricity		Q19		Q12	Slide 18	
detrimental effects and dangers of drug and alcohol use in the workplace	Pethebridge, Electrical Wiring Practice 8e	2.5 Hazards of working with electricity				Q12	Slide 18	
<b>T8 Working safely with electricity encompassing:</b>								
effects of electric shock on the human body	Pethebridge, Electrical Wiring Practice 8e	2.6 Electrical incidents	Q10, Q11, Q12, Q13, Q15, Q16, Q20, Q21, Q33, Q34	Q9	Q3, Q4	Q13, Q14, Q15	Slide 19,20	
common causes of electrical accidents	Pethebridge, Electrical Wiring Practice 8e	2.6 Electrical incidents	Q17, Q19		Q3, Q4	Q13, Q14, Q15	Slide 19,21	
precautions that can minimise the chance of electric shock (earthing, extra low voltage, fuses, circuit breakers and residual current devices - RCDs)	Pethebridge, Electrical Wiring Practice 8e	2.6 Electrical incidents	Q4, Q9, Q18	Q4, Q5	Q3, Q4	Q13, Q14, Q15	Slide 19	
protection offered by a residual current device (RCD)	Pethebridge, Electrical Wiring Practice 8e	2.6 Electrical incidents	Q32		Q3, Q4	Q13, Q14, Q15	Slide 19,22	
need for ensuring the (safe) isolation of an electrical supply	Pethebridge, Electrical Wiring Practice 8e	2.6 Electrical incidents			Q3, Q4	Q13, Q14, Q15	Slide 19,23	
appropriate method of removing an electric shock victim from a live electrical situation	Pethebridge, Electrical Wiring Practice 8e	2.6 Electrical incidents	Q35	Q6	Q3, Q4	Q13, Q14, Q15	Slide 19,24	Rescuing a victim from contact with live parts
<b>T9 Life support - CPR in the workplace encompassing:</b>								
First Aid	Pethebridge, Electrical Wiring Practice 8e	2.6 Electrical incidents	Q14, Q36, Q39			Q16	Slide 25,26	
responsibilities of the First Aider	Pethebridge, Electrical Wiring Practice 8e	2.6 Electrical incidents				Q16	Slide 25,26	
priorities of first aid management for any accident or injury	Pethebridge, Electrical Wiring Practice 8e	2.6 Electrical incidents				Q16	Slide 25,26	

procedures required at an accident scene	Pethebridge, Electrical Wiring Practice 8e	2.6 Electrical incidents				Q16	Slide 25,26		
legal and ethical issues, which may impact on the management of care	Pethebridge, Electrical Wiring Practice 8e	2.6 Electrical incidents				Q16	Slide 25,26		
Duty of Care	Pethebridge, Electrical Wiring Practice 8e	2.6 Electrical incidents				Q16	Slide 25,26		
examination of a casualty for injuries	Pethebridge, Electrical Wiring Practice 8e	2.6 Electrical incidents				Q16	Slide 25,26		
effect of cardio pulmonary arrest on the body	Pethebridge, Electrical Wiring Practice 8e	2.6 Electrical incidents		Q20, Q21		Q16	Slide 25,26		
Managing simulated conditions of airway obstruction, respiratory arrest and cardio pulmonary arrest	Pethebridge, Electrical Wiring Practice 8e	2.6 Electrical incidents				Q16	Slide 25,26		
single and two-person cardio pulmonary resuscitation (CPR)	Pethebridge, Electrical Wiring Practice 8e	2.6 Electrical incidents	Q37, Q38, Q39			Q16	Slide 25,26		
signs and symptoms of an altered level of consciousness	Pethebridge, Electrical Wiring Practice 8e	2.6 Electrical incidents				Q16	Slide 25,26		
management of simulation of a casualty with an altered level of consciousness	Pethebridge, Electrical Wiring Practice 8e	2.6 Electrical incidents				Q16	Slide 25,26		
signs and symptoms of shock	Pethebridge, Electrical Wiring Practice 8e	2.6 Electrical incidents				Q16	Slide 25,26		
management of simulation of a casualty in shock	Pethebridge, Electrical Wiring Practice 8e	2.6 Electrical incidents				Q16	Slide 25,26		