

**UEECD0007 - Apply work health and safety regulations, codes and practices in the workplace**

	MHE text	Heading reference	Test bank	Quizzes	Case Study	Worksheets	PPTs	Interactives	YouTube playlist
<b>1. Prepare to enter an electrotechnology workplace</b>									
1.1 Work area access permits are obtained from appropriate person/s in accordance with workplace procedures			22	17					
1.2 Relevant workplace WHS/OHS safety regulations and codes of practices are identified and followed when entering the electrotechnology work area				15	2, 5				
1.3 Safe work methods for controlling risks are obtained, read and applied prior to undertaking work activity in accordance with WHS/OHS workplace procedures			5, 6		1, 2				
1.4 Preparation for electrical and non-electrical isolation is carried out to prevent creation of hazards from loss of machine/system/process control in accordance with WHS/OHS workplace procedures			9, 13, 29	1, 7, 10	1				
1.5 Tools, equipment and chemicals required for the electrotechnology work are checked for safety and correct functionality in accordance with workplace procedures and regulatory requirements			4, 7, 17, 18, 25, 26, 30 32, 38, 42, 43						
1.6 Personal protective equipment (PPE) is worn appropriate to the electrotechnology work area and in accordance with workplace procedures			24, 25						
<b>2. Apply safe electrotechnology working practices</b>									
2.1 Risk control work measures are implemented in accordance with WHS/OHS workplace procedures			24, 40, 41	2, 4, 5, 14	3, 4, 5				
2.2 Procedures for dealing with accidents, fires and emergencies are followed in accordance with workplace procedures, scope of responsibility and capabilities			10, 11, 12, 14, 15, 16, 19, 20, 34, 35, 36, 37, 39, 44	6, 20, 21	3				
2.3 Safe work methods are applied when working at heights including safe and effective use of safety equipment			42						
2.4 Safe work methods are used when undertaking lifting, lowering, pushing, pulling, carrying or otherwise moving, holding or restraining workplace tasks in accordance with relevant code of practice									
2.5 Safe work methods for removing an electric shock victim from a live electrical situation are demonstrated in accordance with workplace emergency management procedures			35	6	3, 4	13, 14, 15	19, 24		
2.6 Working area is kept clean, neat and tidy in accordance with workplace housekeeping procedures									
<b>3. Follow electrotechnology workplace procedures for hazard identification and risk control</b>									
3.1 Hazards are identified, control measures implemented and reviewed through regular active participation in the consultation process with employer and other employees			2, 3, 21, 23, 27, 28, 31, 33	3, 8, 9, 11, 13, 16, 18, 19	4				
3.2 Hazards in the work area are identified and reported to relevant person/s in accordance with workplace procedures			8	12					
3.3 WHS/OHS documentation and incident records are completed in accordance with regulatory requirements and workplace procedures									
3.4 Workplace instructions are followed in accordance with regulatory requirements and workplace procedures			1		4				
<b>Performance Evidence</b>									
• applying relevant work health and safety (WHS)/occupational health and safety (OHS) regulations, legislation, codes of practices and procedures in the workplace, including:				10					
• identifying typical hazards associated with work environments and assessing risk/s in an electrotechnology workplace	Pethebridge, Electrical Wiring Practice 8e	2.3 Workplace hazards and risk control measures			1, 2	4, 5	6, 7		
• applying and reviewing risk control measures to minimise, control or eliminate identified hazards									
• reporting hazards to relevant person/s									
• applying safe working practices/methods									
• contributing to WHS/OHS consultative processes									
• following relevant workplace emergency management procedures and instructions relating to WHS/OHS and emergency incidents									
• selecting and using appropriate personal protective equipment (PPE)	Pethebridge, Electrical Wiring Practice 8e	2.4 Safety of electrical installations and equipment	7, 24, 25, 26	2		1, 2, 3	5		
• applying correct manual handling techniques			40	12					
• confirming (safe) isolation of an electrical supply and isolation of potential electrical and non-electrical hazards has been completed by an authorised person									
• demonstrating safe methods of removing an electric shock victim from a live electrical situation									
• selecting an appropriate ladder for a given situation and performing a safety check before use	Pethebridge, Electrical Wiring Practice 8e	2.3 Workplace hazards and risk control measures	42, 43		5	10	16		
• completing relevant WHS/OHS documentation.									
<b>Knowledge Evidence</b>									
• effective verbal and written communication techniques				7					
• electrotechnology work environment, including:									1
- appropriate fire extinguisher for a given type of fire	Pethebridge, Electrical Wiring Practice 8e	2.3 Workplace hazards and risk control measures	29, 30	7	1, 2	4, 5	11		
- commonly used workplace safety signs	Pethebridge, Electrical Wiring Practice 8e	2.3 Workplace hazards and risk control measures	4, 27, 28	1	1, 2	4, 5	10	1	
- relevant industry standard for safe workplace procedures									
- risk assessment documentation			3, 6	8					
- typical hazards associated with a range of work environments			5						
- use of fire extinguishers	Pethebridge, Electrical Wiring Practice 8e	2.3 Workplace hazards and risk control measures			1, 2	4, 5			
- housekeeping and potential hazards in relation to improper housekeeping									
- workplace procedures used to control the risks associated with workplace hazards	Pethebridge, Electrical Wiring Practice 8e	2.3 Workplace hazards and risk control measures			1, 2	4, 5			
• legal requirements relevant to WHS/OHS in the workplace, including:			1, 2						1

- appropriate personal protective equipment (PPE)			7, 24, 25, 26	2					
- asbestos awareness and reporting hazardous gases, including supervisory requirements and duty of care									
- difference between hazards and risks									
- duty holder responsibilities, as specified in WHS/OHS Acts, regulations and codes of practice									
- employer and employee responsibilities, rights and obligations	Pethebridge, Electrical Wiring Practice 8e	2.1 Work health and safety	1, 2				1, 2, 3		
- general aims and objectives of the relevant state or territory legislation relating to WHS/OHS	Pethebridge, Electrical Wiring Practice 8e	2.1 Work health and safety		10	2		1, 2, 3	3	
- hazards that may be present in the electrotechnology workplace, the harm they can cause and how this harm occurs									
- housekeeping and potential hazards in relation to improper housekeeping									
- major functions of safety committees and representatives	Pethebridge, Electrical Wiring Practice 8e	2.1 Work health and safety					1, 2, 3	4	
- powers of health and safety inspectors	Pethebridge, Electrical Wiring Practice 8e	2.1 Work health and safety					1, 2, 3		
- relevant WHS/OHS regulations, codes and practices	Pethebridge, Electrical Wiring Practice 8e	2.3 Workplace hazards and risk control measures					1, 2, 3		
- underlying principles of WHS	Pethebridge, Electrical Wiring Practice 8e	2.1 Work health and safety					1, 2, 3	2	
• life support—cardiopulmonary resuscitation (CPR) in the workplace, including:			14	20, 21					1, 2
- first aid	Pethebridge, Electrical Wiring Practice 8e	2.6 Electrical incidents	14, 36, 39				16	25, 26	
- responsibilities of the first aider	Pethebridge, Electrical Wiring Practice 8e	2.6 Electrical incidents					16	25, 26	
- priorities of first aid management for any accident or injury	Pethebridge, Electrical Wiring Practice 8e	2.6 Electrical incidents					16	25, 26	
- procedures required at an accident scene	Pethebridge, Electrical Wiring Practice 8e	2.6 Electrical incidents					16	25, 26	
- legal and ethical issues, which may impact on the management of care	Pethebridge, Electrical Wiring Practice 8e	2.6 Electrical incidents					16	25, 26	
- 'duty of care'	Pethebridge, Electrical Wiring Practice 8e	2.6 Electrical incidents					16	25, 26	
- examination of a casualty for injuries	Pethebridge, Electrical Wiring Practice 8e	2.6 Electrical incidents					16	25, 26	
- effect of cardiopulmonary arrest on the body	Pethebridge, Electrical Wiring Practice 8e	2.6 Electrical incidents		20, 21			16	25, 26	
- managing simulated conditions of airway obstruction, respiratory arrest and cardiopulmonary arrest	Pethebridge, Electrical Wiring Practice 8e	2.6 Electrical incidents					16	25, 26	
- single and two-person CPR	Pethebridge, Electrical Wiring Practice 8e	2.6 Electrical incidents	37, 38, 39				16	25, 26	
- signs and symptoms of an altered level of consciousness	Pethebridge, Electrical Wiring Practice 8e	2.6 Electrical incidents					16	25, 26	
- management of simulation of a casualty with an altered level of consciousness	Pethebridge, Electrical Wiring Practice 8e	2.6 Electrical incidents					16	25, 26	
- signs and symptoms of shock	Pethebridge, Electrical Wiring Practice 8e	2.6 Electrical incidents					16	25, 26	
- management of simulation of a casualty in shock	Pethebridge, Electrical Wiring Practice 8e	2.6 Electrical incidents					16	25, 26	
• relevant safe work method statements (SWMS)/job safety analysis (JSA) or risk mitigation processes, including:									
- emergency management plan									
- hierarchy of WHS/OHS hazard risk control measures	Pethebridge, Electrical Wiring Practice 8e	2.3 Workplace hazards and risk control measures		3	1, 2		4, 5	9	
- principles of risk assessment/management and required documentation	Pethebridge, Electrical Wiring Practice 8e	2.3 Workplace hazards and risk control measures	3, 5, 6	8	1, 2		4, 5	8	
• typical hazards associated with electrotechnology work environments and their control, including:									
• asbestos, including:									
- common types of asbestos containing building materials									
- warning signs used to identify the presence of asbestos									
- effects of asbestos on the human body									
- requirements for reporting the presence of asbestos									
• silica, including:									
- types of materials that contain crystalline silica (silica dust)									
- methods of releasing silica dust									
- recommended levels of exposure to crystalline silica									
- effects of crystalline silica on the human body									
• hazardous gases									
• chemicals in the workplace, including:									1
- hazardous substances and dangerous goods and their classifications	Pethebridge, Electrical Wiring Practice 8e	2.3 Workplace hazards and risk control measures	8, 31	13			9		
- labelling and storage requirements for chemicals	Pethebridge, Electrical Wiring Practice 8e	2.3 Workplace hazards and risk control measures					9		
- purpose and interpretation of safety data sheets (SDS)/material safety data sheets (MSDS)	Pethebridge, Electrical Wiring Practice 8e	2.3 Workplace hazards and risk control measures		8			9		
• confined spaces, including:									1
- control measures for working in a designated confined space	Pethebridge, Electrical Wiring Practice 8e	2.3 Workplace hazards and risk control measures	22	17			11	17	
- hazards associated with working in a confined space	Pethebridge, Electrical Wiring Practice 8e	2.3 Workplace hazards and risk control measures		16			11	17	
- workplace situations that could be classified as a confined space	Pethebridge, Electrical Wiring Practice 8e	2.3 Workplace hazards and risk control measures	23	16			11	17	
• physical and psychological hazards, including excessive noise, vibration, thermal stress, radiation, lasers, occupational overuse syndrome, stress, drugs and alcohol	Pethebridge, Electrical Wiring Practice 8e	2.5 Hazards of working with electricity	44	18, 19			12	18	1
• safe manual handling principles, including:									1
- procedures and methods for manual handling	Pethebridge, Electrical Wiring Practice 8e	2.3 Workplace hazards and risk control measures	41	12			6, 7, 8	12	
- situations that may cause manual handling injuries	Pethebridge, Electrical Wiring Practice 8e	2.3 Workplace hazards and risk control measures	41	11			6, 7, 8	12	

- types of manual handling injuries and their effect	Pethebridge, Electrical Wiring Practice 8e	2.3 Workplace hazards and risk control measures	40			6, 7, 8	12		
• working at heights, including:									
- hazards and precautions associated with working on ladders, elevated work platforms (EWP) and scaffolds	Pethebridge, Electrical Wiring Practice 8e	2.3 Workplace hazards and risk control measures	42, 43	14, 15	5	10	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		14, 15, 16	5	10	16		
• working safely with electricity, including:									1
- effects of electric shock on the human body	Pethebridge, Electrical Wiring Practice 8e	2.6 Electrical incidents	10, 11, 12, 13, 15, 16, 20, 21, 33, 34	9	3, 4	13, 14, 15	19, 20		
- protection offered by a residual current device (RCD)	Pethebridge, Electrical Wiring Practice 8e	2.6 Electrical incidents	32		3, 4	13, 14, 15	19, 22		
- need for ensuring the (safe) isolation of an electrical supply	Pethebridge, Electrical Wiring Practice 8e	2.6 Electrical incidents			3, 4	13, 14, 15	19, 23		
- appropriate method of removing an electric shock victim from a live electrical situation	Pethebridge, Electrical Wiring Practice 8e	2.6 Electrical incidents	35	6	3, 4	13, 14, 15	19, 24		
- precautions that can minimise the chance of electric shock (earthing, extra-low voltage (ELV), fuses, circuit breakers and RCDs)	Pethebridge, Electrical Wiring Practice 8e	2.6 Electrical incidents	4, 9, 18	4, 5	3, 4	13, 14, 15	19		
- common causes of electrical accidents.	Pethebridge, Electrical Wiring Practice 8e	2.6 Electrical incidents	17, 19		3, 4	13, 14, 15	19, 21		