

**UEECD0009 Carry out routine work activities in an energy sector environment**

[illegible]

3.1 Checks are made to ensure work activity is in accordance with work instructions and job requirements			21, 23, 26, 28, 31, 32	2, 10, 59, 60, 61, 62, 63		15	2	1	8
3.2 Relevant person/s is notified of work activity completion			21, 22, 33	64		16			
3.3 Tools, equipment, surplus resources and materials are cleaned, checked and returned to storage in accordance with workplace procedures			7, 9	3, 4		17			8
3.4 Work area is cleaned, made safe and sustainable energy practices are followed	Jenneson, Electrical Principles 7e	3 - Apply environmentally and sustainable procedures in the energy sector	34	65, 66		18			
3.5 Workplace records are updated in accordance with work instructions and workplace procedures			8	10, 34, 67		19, 20			
<b>Performance evidence</b>									
Carrying out work activities in an energy sector, including:									
· applying industry standards	Pethebridge, Electrical Wiring Practice 8e	3 - Apply environmentally and sustainable procedures in the energy sector	28	62, 67		14, 15	2		
· applying quality, workplace procedures and instructions	Pethebridge, Electrical Wiring Practice 8e	6.4 Undertaking electrical work 6.5 Working with specifications, schedules and drawings	21, 22, 26, 28, 29, 31, 32, 33	2, 10, 23, 24, 25, 26, 28, 35, 45, 46, 47, 63, 64	2, 3, 4, 5	1, 5, 6, 8			1, 2, 3, 4, 5, 6, 7, 9, 11, 12
· applying relevant work health and safety (WHS)/occupational health and safety (OHS) requirements, including using risk control measures	Pethebridge, Electrical Wiring Practice 8e	2 - Work and electrical safety	5, 6, 7, 14, 18, 19, 20, 22, 23, 24, 25, 26	12, 13, 14, 15, 16, 17, 18, 29, 30, 31, 32	1	1, 2, 3, 4, 6, 7, 8, 11			3, 4, 8, 10, 11, 12
· applying sustainable energy practices	Jenneson, Electrical Principles 7e Pethebridge, Electrical Wiring Practice 8e	3 - Apply environmentally and sustainable procedures in the energy sector  12 - Renewable energy and other alternative supply installations	34	65, 66					
· completing schedules of work			8	10, 27					
· dealing with unplanned events/situations in accordance with workplace procedures in a manner that minimises risk to personnel and equipment			27, 30	49, 51, 54, 55		13			10, 11, 12
· following quality, workplace procedures and instructions	Pethebridge, Electrical Wiring Practice 8e	6.4 Undertaking electrical work 6.5 Working with specifications, schedules and drawings	7, 11, 12, 14, 18, 19, 21, 22, 26, 31, 32, 33, 34	2, 56, 57, 59, 60, 61		12, 14, 16, 20			8
· obtaining and checking tools and equipment			5, 6, 7, 9, 13, 15, 16, 17, 18, 19, 20	1, 4, 5, 7, 18, 19, 20, 21, 22, 58					1, 2
· returning tools, equipment, personal protective equipment (PPE), surplus resources and materials			7, 9, 14	3, 4, 5		17, 18			8
· updating work records			8	10, 34		18, 19			
<b>Knowledge evidence</b>									
Energy sector vocations, including:									
· electrical	Jenneson, Electrical Principles 7e	1.1 The electrotechnology industry							
· electronics and communications	Jenneson, Electrical Principles 7e	1.1 The electrotechnology industry							

· computer systems	Jenneson, Electrical Principles 7e	1.1 The electrotechnology industry							
· data communication	Pethebridge, Electrical Wiring Practice 8e	5.6 Data and communications accessories							
· refrigeration and air conditioning	Pethebridge, Electrical Wiring Practice 8e	15.4 Heating systems							
· instrumentation and control									
· rail signalling									
· lifts									
· electricity supply – generation, transmission and distribution	Pethebridge, Electrical Wiring Practice 8e	1 - Electrical energy							
· gas industry									
Career paths in energy sector, including:									
· Australian policy framework for qualifications/classifications									
· scope of work for the installation, maintenance and servicing sector									
Training in energy sector vocations, including:									
· traineeships and apprenticeships									
· minimum electrical licensing requirements									
· career pathways and awards									
Industry stakeholders, including:									
· employer and employee organisations									
· government electrical regulatory authorities and skills standards networks									
· private and public Registered Training Organisations (RTOs)									
Qualification requirements, including:									
· units of competency and qualification assessments									
Employment preparation, including:									
· job application involving research, writing and methods to apply									
· job interview consisting of preparation and presentation									
Relevant job safety assessments or risk mitigation processes	Pethebridge, Electrical Wiring Practice 8e		7, 19, 20, 24, 25, 27, 30	15, 32		6, 7, 8, 9, 10, 11			
Relevant manufacturer specifications and operating instruction for tools, equipment and technologies			1, 2, 3, 5, 6, 9	1, 3, 4, 5, 7, 8, 19, 58, 63					1, 2, 3, 4
Relevant sustainable energy practices	Jenneson, Electrical Principles 7e Pethebridge, Electrical Wiring Practice 8e		34	65, 66					
Relevant WHS/OHS legislated requirements	Pethebridge, Electrical Wiring Practice 8e	2 - Work and electrical safety	24	12, 13, 14, 15, 16, 17, 29, 30, 31, 32	1	4, 10, 11			
Relevant workplace documentation	Pethebridge, Electrical Wiring Practice 8e	6.4 Undertaking electrical work 6.5 Working with specifications, schedules and drawings	8, 24	6, 10, 34, 67		19			
Relevant workplace policies, procedures and instructions	Pethebridge, Electrical Wiring Practice 8e	6.4 Undertaking electrical work 6.5 Working with specifications, schedules and drawings	7, 14, 18, 21, 24, 26, 28, 29, 30, 31, 32, 33, 34	2, 11, 23, 26, 33, 56, 57, 59, 60, 62, 64		1, 12, 17, 18, 19, 20			4, 5, 6, 7, 8