

UEENEEE179A - Identify and select components, accessories and materials for energy sector work activities

Element/Performance criteria	Test bank	Quizzes	Case Study	Worksheets	Interactives	Animations	YouTube playlist
1. Prepare to identify components, accessories and materials							
1.1 Instructions for preparing components, accessories or materials identification is communicated and confirmed to ensure clear understanding	2	1		1, 14	2		1, 5
1.2 OHS policies and procedures are communicated and confirmed to ensure they are understood as they apply in the carrying out of the work	4	3		2			2, 3, 5
1.3 Necessary tools, equipment and personnel protective equipment are identified, scheduled and checked to ensure they work correctly as intended and are safe to use in accordance with established procedures	1	3	1, 4	2, 3			2
1.4 Appropriate personnel are consulted to ensure the work is coordinated effectively with others involved	11	4		4			1, 5
1.5 Resources and materials needed to do the work are confirmed, scheduled and obtained in accordance with established procedures	6	1, 2	5	1, 5, 15	2		1, 3, 4, 5
1.6 Schedule(s) for identifying components, accessories or materials including practices for working safely are confirmed in accordance with instructions and requirements							
2. Select components, accessories and materials							
2.1 OHS policies and procedures and safe work practices are followed	4, 5	3, 4, 7	1	6			2, 3, 5
2.2 Schedule for selecting components, accessories or materials are followed to ensure work is completed in an agreed time, to a quality standard and with a minimum of waste, using appropriate technology	8	5	1	7			1, 3
2.3 Further instructions are sought from appropriate personnel in the event of unplanned happenings or conditions		5, 6	3, 4	8			2, 3
2.4 Ongoing checks of work quality are undertaken in accordance with instructions and requirements	3, 10	7		9			2, 5
3. Confirm selection of components, accessories and materials							
3.1 Final checks are made to ensure selection of components, accessories or materials conforms to instructions	11	8	2, 3, 5	10	1		1, 3, 4
3.2 Appropriate personnel are notified of completion of the selection process	7, 9	9	4, 5	11	1		1, 4
3.3 Tools, equipment and any surplus resources and materials are, where appropriate, cleaned, checked and returned to storage in accordance with established procedures		10		12			4
3.4 Work area is cleaned up and made safe and sustainable energy practices are followed	10	11		13			4, 5
3.5 Appropriate records are updated in accordance with instructions and established procedures	12	12			1		4
Required skills and knowledge							
Evidence shall show an understanding of electrotechnology, parts and component selection to an extent indicated by the following aspects:							
T1 Part and component identification encompassing:							
• Type, number and ratings of a range of typical components used in the electrotechnology and engineering industries							
T2 Information about parts and components encompassing:							
• Catalogues • Computer access • Alternative parts • Telephone inquiry	2	1, 5, 6	5	5, 12, 14, 15			4
Note: Examples of part identification and access may include: part codes, manufacturers and manufacturers supply outlets; availability and delivery times; price, including discounts, tax and delivery costs.	6, 7, 9, 11, 12	1, 2, 5, 6, 8, 9	2, 4, 5	6, 8, 10, 11, 12, 14	1, 2		1, 2, 3, 4, 5
T3 Ordering procedures encompassing:							
• Customer approval • Supplier requirements • In-house requirements		2, 5, 6, 9	2, 4	1, 7	1, 2	1	1, 2, 3
T4 Receiving/dispatching procedures							
• Supplier requirements • In-house requirements • Handling and storage	5, 7, 8, 9	12	3	8, 10, 12			4