

UEECD0021 - 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. Identify components, accessories and materials							
1.1 Work instructions for selecting components, accessories and materials are obtained and confirmed	2	1		1, 14	2		1, 5
1.2 Work health and safety (WHS)/occupational health and safety (OHS) policies and workplace procedures are communicated, confirmed and applied	4	3		2			2, 3, 5
1.3 Tools, equipment and personal protective equipment (PPE) are identified, checked and are safe to use in accordance with workplace procedures	1	3	1, 4	2, 3			2
1.4 Relevant person/s is consulted to ensure the work is coordinated effectively with others	11	4		4			1, 5
1.5 Resources and materials required for work activity are confirmed, scheduled and obtained in accordance with workplace procedures	6	1, 2	5	1, 5, 15	2		1, 3, 4, 5
2. Select components, accessories and materials							
2.1 WHS/OHS policies and workplace procedures and safe work practices are followed	4, 5	3, 4, 7	1	6			2, 3, 5
2.2 Schedule of work for selecting components, accessories and materials are followed to ensure work is completed in accordance with agreed timelines, quality standard and with a minimum of waste using appropriate technology	8	5	1	7			1, 3
2.3 Unplanned situations are responded to in accordance with workplace procedures in a manner that minimises risk to personnel and equipment		5, 6	3, 4	8			2, 3
2.4 Quality checks of work are undertaken in accordance with work instructions and job requirements	3, 10	7		9			2, 5
3. Confirm components and materials selection							
3.1 Checks are made to ensure selection of components, accessories and materials are in accordance with work instruction	11	8	2, 3, 5	10	1		1, 3, 4
3.2 Relevant person/s is notified of completion of the selection process	7, 9	9	4, 5	11	1		1, 4
3.3 Tools, equipment, surplus resources and materials are cleaned, checked and returned to storage in accordance with workplace procedures		10		12			4
3.4 Work area is cleaned, made safe and sustainable energy practices are followed	10	11		13			4, 5
3.5 Workplace record/s are updated in accordance with work instructions and workplace procedure	12	12			1		4
Performance Evidence							
•applying relevant work health and safety (WHS)/occupational health and safety (OHS) requirements, including using risk control measures							
•following schedule of work							
•locating, scheduling and obtaining resources and materials required for work							
•dealing with unplanned events/situations in accordance with workplace procedures in a manner that minimises risk to personnel and equipment							
•identifying and checking required tools, equipment and personal protective equipment (PPE)							
•identifying and selecting components, accessories and materials, including:							
•confirming selection of components, accessories and materials		1, 2, 5, 6, 8, 9					
•obtaining, checking and returning tools, equipment, surplus resources and materials							
•type, number and ratings of components used in the electrotechnology and engineering industries							
•updating work records							
using manufacturer specifications, including:							
•selecting relevant electrotechnology parts and components							
•using relevant part and component identification and information.							
Knowledge Evidence							
•information about parts and components, including:							
•alternative parts	2	1, 5, 6	5	5, 12, 14, 15			4
•catalogues							
•computer access							
•telephone inquiry							
•ordering procedures, including customer approval, supplier requirements and job requirements		2, 5, 6, 9	2, 4	1, 7	1, 2	1	1, 2, 3

<ul style="list-style-type: none"> •part identification and access, including: •availability and delivery times •manufacturers and manufacturer's supply outlets •part codes •price, including discounts, goods and services tax (GST)/tax and delivery costs •type, number and ratings of typical components used in the electrotechnology and engineering industries 	6, 7, 9, 11, 12	1, 2, 5, 6, 8, 9	2, 4	6, 8, 10, 11, 12, 14	1, 2		1, 2, 3, 4, 5
•receiving/dispatching procedures, including supplier requirements, handling and storage and job requirements	5, 7, 8, 9	12	3	8, 10, 12			4
•relevant workplace documentation	8	7, 8, 9, 10, 11, 12	1	1, 7, 9, 13		1	1, 2, 4, 5
•relevant workplace policies, procedures and instructions	1, 3, 4, 10, 11, 12	3, 4, 7, 10, 11, 12	1	2, 3, 4, 9, 13			1, 2, 3, 4, 5