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| Title | **Perform replacement components of home appliances** |
| Level | **2** | **Credits** | **15** |

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| Purpose | N/A |

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| Classification ISCED | 0714 Electronics and automation |

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| Available grade | Competent / Not yet competent |

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| Modification history | N/A |

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| **Competency Unit** | **Performance Criteria** | **Knowledge and Understanding** | **Tools & Equipment**  |
| **D1.** Identify faulty component | ***You must be able to:***1. Ensure availability of parts accordingly
2. Prepare request of parts
3. Inspect parts physically
4. Inspect parts functionality
 | *You need to know and understand:*1. Explain specification of parts
2. Explain functionality of parts
3. Explain store requisition procedure
4. Explain checking procedure of parts
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| **D2.** Replace electrical components | ***You must be able to:***1. Remove faulty component
2. Install new component
3. Check connections
4. Perform Insulation of connection
 | *You need to know and understand:*1. Explain electrical circuits
2. Explain electrical joints/ connections
3. Explain insulation procedure
4. Describe procedure of replacement
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| **D3.** Replace mechanical parts  | ***You must be able to:***1. Remove faulty component
2. Install new component
3. Adjust new component
4. Perform lubrication accordingly
 | *You need to know and understand:*1. Describe procedure of replacement
2. Explain adjustment procedure
3. Explain lubrication procedure
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| **D4**. Replace module | ***You must be able to:***1. Remove faulty module
2. Install new module
3. Adjust new module
4. Check functionality of module
 | *You need to know and understand:*1. Describe procedure of replacement
2. Explain adjustment procedure
3. Explain function of module operation
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