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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 |  |
| **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 |  |
| **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 |  |
| **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 |  |