|  |  |  |  |
| --- | --- | --- | --- |
| Title | **Perform basic installation of home appliances** | | |
| Level | **2** | **Credits** | **14** |

|  |  |
| --- | --- |
| Purpose | N/A |

|  |  |
| --- | --- |
| Classification ISCED | 0714 Electronics and automation |

|  |  |
| --- | --- |
| Available grade | Competent / Not yet competent |

|  |  |
| --- | --- |
| Modification history | N/A |

| **Competency Unit** | **Performance Criteria** | **Knowledge and Understanding** | **Tools & Equipment** |
| --- | --- | --- | --- |
| **B1.** Use Installation manual | ***You must be able to:***   1. Prepare tools and equipment according to instruction manual 2. Unpack equipment accordingly 3. Inspect of equipment and accessories | *You need to know and understand:*   1. Read equipment drawing 2. Brief instruction manual 3. Unpacking procedure of equipment 4. Explain installation procedure 5. Explain operational procedure |  |
| **B2**. Install appliances according to manual | ***You must be able to:***   1. Visit the location of installation of equipment 2. List tools for installation 3. Arrange human resources 4. Mark the location of equipment 5. Fix the foundation/ base frame according to job 6. Position the equipment 7. Attach accessories accordingly | *You need to know and understand:*   1. Read equipment drawing 2. Explain alignment procedure 3. Explain installation procedure 4. Explain measuring units 5. Explain basic measuring procedure |  |
| **B3.** Perform test run | ***You must be able to:***   1. Ensure proper connections of equipment 2. Check earth leakage of equipment 3. Perform leakage test accordingly 4. Check mains supply 5. Perform test run 6. Observe operating status of equipment accordingly | *You need to know and understand:*   1. Explain type of connections 2. Explain importance of earthling system 3. Explain earthing procedure 4. Brief leakage test 5. Explain specification of equipment 6. Explain functionality of equipment |  |