|  |  |
| --- | --- |
| Title | **Perform preventive maintenance** |
| Level | **2** | **Credits** | **6** |

|  |  |
| --- | --- |
| 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**  |
| --- | --- | --- | --- |
| **D1.** Inspect equipment | ***You must be able to:***1. Inspect physical condition
2. Check electrical components
3. Check mechanical components
4. Fill checklist for preventive maintenance
 | *You need to know and understand:*1. Explain preventive maintenance schedule
2. Explain specification of parts
3. Explain functionality of parts
4. Explain component life cycle
5. Explain maintenance parameters of parts
 |  |
| **D2.** Cleanequipment | ***You must be able to:***1. Arrange cleaning agent
2. Clean physical component
3. Clean filters
4. Clean electrical components/ connections

  | *You need to know and understand:*1. Explain cleaning schedule
2. Explain functionality of parts
3. Explain component life cycle
4. Explain cleaning parameters of parts
 |  |
| **D3.** Lubrication mechanical parts  | ***You must be able to:***1. Arrange lubrication agent
2. Clean moving parts
3. Apply lubrication accordingly
 | *You need to know and understand:*1. Explain lubrication schedule
2. Explain type of lubrication
3. Explain lubricants life cycle
4. Explain procedure of lubrication process

  |  |
| **D4.** Align equipment | ***You must be able to:***1. Arrange alignment tools and equipment
2. Perform alignment of components
3. Check noise level
 | *You need to know and understand:*1. Describe aligning tools
2. Explain procedure of aligning
3. Explain basic principles of alignment
4. Brief noise level checking procedure
 |  |
| **D5.** Ensure parts life cycle | ***You must be able to:***1. Check output ratio
2. Check physical condition
 | *You need to know and understand:*1. Explain preventive maintenance schedule
2. Explain specification of parts
3. Explain functionality of parts
4. Explain component life cycle
5. Explain maintenance parameters of parts
 |  |
| **D6.** Demonstrate equipment | ***You must be able to:***1. Arrange power source
2. Attach accessories accordingly
3. Perform test run
4. Demonstrate accordingly
 | *You need to know and understand:*1. Explain functionality of parts
2. Brief demonstration procedure of equipment
 |  |