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| Title | **Perform general routine maintenance on machinery, equipment and infrastructure** | | |
| Level | **2** | **Credits** | **12** |

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| Purpose | This competency standard is intended for those who performgeneral routine maintenance on machinery, equipment and infrastructurein a variety of contexts. ‘Routine maintenance’ in this context refers to simple, small-scale activities associated with general upkeep of machinery, equipment and infrastructure against normal wear and tear. People holding credit for this competency standard are able to: Plan and prepare for preventive maintenance; perform routine inspections; performgeneral routine maintenance; and complete work. |

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| Classification ISCED | 0713 Electricity and energy |

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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** |
| **C1:**  **Plan and prepare for preventive maintenance** | **Trainee will be able to:**  **P1-** Obtain safety and other regulatory requirements for maintenance  **P2-** Interpret engineering drawings  **P3-** Identify and select tools and equipment | **K1-** Safety requirements; Specifications; Hazard identification  **K2-** Drawings and symbols specifications  **K3-** Tools and equipment and calibration thereof |
| **C2:**  **Perform routine inspection** | **Trainee will be able to:**  **P1-** Check for safety hazards  **P2-** Carry out procedures for routine inspections  **P3-** Document results | **K1-** Inspection requirements  **K2-**Types of common faults inelectrical and mechanical systems, and civil structure components  **K3-** Maintenance reports |
| **C3:**  **Performgeneral routine maintenance** | **Trainee will be able to:**  **P1-** Perform basic measurement tests  **P2-** Perform general routine maintenance procedures  **P3-** Perform minor adjustments and calibrations | **K1-** Measurement and calculation of electrical & mechanical parameters  **K2-** Adjustment procedures  **K3-** General maintenance procedures for machinery, equipment and infrastructure  **K4-** Safety hazards |
| **C4:**  **Complete work** | **Trainee will be able to:**  **P1-** Complete work related documents and procedures  **P2-** Perform final quality inspection  **P3-** Clean up and store tools, equipment and materials | **K1-** Importance of documentation  **K2-** Importance of quality  **K3-** Waste disposal procedures  **K4-**Care of tools and equipment |