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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 |