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| Title | **Rewind machines** |
| Level | **2** | **Credits** | **8** |

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| Purpose | This competency standard is intended for those who carry out electrical operations. People holding credit for this competency standard are able to: Plan and prepare for installation; perform machine installation; carry out operational testing; 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** |
| **I1:****Plan and prepare for rewinding** | **P1-** Identify and obtain safety and other regulatory requirements for rewinding**P2-** Arrange tools and equipment | **K1-** Safety requirements; Specifications; Hazard identification**K2-** Tools and equipment requirements |
| **I2:****Perform troubleshooting** | **P1-** Interpret and confirm rewinding specifications**P2-** Carry out testing procedures**P3-** Determine fault**P4-** Document and report results | **K1-** Rewinding requirements**K2-** Testing procedures**K3-** Fault identification; Analysis of test results**K4-** Supervisor and/or client communication |
| **I3:****Perform rewinding operations** | **P1-** Remove and replace faulty winding**P2-** Rewind machine**P3-** Perform winding tests | **K1-** Replacement procedures**K2-** Rewinding procedures**K3-** Types of winding tests |
| **I4:****Complete work** | **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; customer care procedures and techniques**K2-** Importance of quality; handing over to client**K3-** Waste disposal procedures; care of tools and equipment |