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| Title | **Perform basic civil construction works using hand tools** |
| Level | **1** | **Credits** | **6** |

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| Purpose | This competency standard is intended for those who perform basic civil construction works using hand tools in a variety of contexts. People holding credit for this competency standard are able to: Plan and prepare for work; perform measurements; perform excavations; 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:****Prepare for work** | **Trainee will be able to:****P1-** Obtain job requirements from specifications/ Instruction**P2-** Identify auxiliary tools and/or equipment to carry out the job**P3-** Select auxiliary tools and/or equipment to carry out work processes in a safe manner**P4-** Identify hazards and risks associated with job requirements**P5-** Minimise hazards and risks associated with job requirements | **K1-** Safety procedures, including PPE**K2-** Types of auxiliary tools and equipment**K3-** Potential risks and hazards associate with construction works |
| **I2:****Perform measurements** | **Trainee will be able to:****P1-** Select measuring tool according to job requirements**P2-** Apply suitable measuring process**P3-** Check for conformance with job requirements | **K1-** Types and application of measuring tools**K2**- Measuring procedures**K3**- Safe working procedures |
| **I3:****Perform excavation** | **Trainee will be able to:****P1-** Select excavation hand-tools according to job requirements**P2-** Apply excavation process**P3-** Check for conformance with job requirements | **K1-** Types and application of excavation tools**K2**- Excavating procedures**K3**- Safe working procedures |
| **I4:****Complete work** | **Trainee will be able to:****P2-** Perform final quality inspection at work environment**P3-** Clean up and store tools, equipment and materials | **K1-** Importance of documentation**K2-** Importance of quality assurance **K3-** Waste disposal procedures; care of tools and equipment**K4-** Procdure of storing equipments |