



Australian Government

Assessment Requirements for AHCINF308 Install and terminate extra low voltage wiring systems

Release: 1

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Modification History

Release	Comments
Release 1	This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 9.0.

Performance Evidence

An individual demonstrating competency must satisfy all of the elements and performance criteria in this unit.

There must be evidence that the individual has installed and terminated extra low voltage wiring systems on at least two occasions and has:

- sized cables and wires to suit calculated load
- recognised and reported workplace health and safety hazards and used safe work practices
- applied workplace health and safety requirements applicable to working with extra low voltage systems, including fitted and used personal protective equipment (PPE)
- installed, checked and tested wiring systems
- reported completion of installation activities.

Knowledge Evidence

An individual must be able to demonstrate the knowledge required to perform the tasks outlined in the elements and performance criteria of this unit. This includes knowledge of:

- basic electricity and electrical principles relating to extra low voltage wiring
- workplace policies and procedures relevant to installing extra low voltage wiring systems
- tools, equipment, materials and applications relevant to the industry sector
- computerised controller systems
- extra low voltage wiring systems testing equipment and procedures
- isolation and tagging procedures
- workplace requirements applicable to health and safety in the workplace for installing extra low voltage wiring systems, including appropriate use of PPE.

Assessment Conditions

Assessment of the skills in this unit of competency must take place under the following conditions:

- physical conditions:
 - a workplace setting or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - extra low voltage wiring tools, material and equipment
 - PPE applicable to installing extra low voltage wiring
- specifications:
 - workplace health and safety legislation, regulations, codes of practice and workplace procedures relevant to installing extra low voltage wiring
 - workplace documents, including workplace procedures, processes, instructions and job specifications relevant to installing extra low voltage wiring.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

Links

Companion Volumes, including Implementation Guides, are available at VETNet: -
<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72>