



Australian Government

Assessment Requirements for UEERE0049

Apply safe work practices in the rooftop solar industry

Release: 1

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Modification History

Release 1. This is the first release of this unit of competency in the UEE Electrotechnology Training Package.

Performance Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all of the requirements of the elements and performance criteria on at least one occasion and include:

- applying relevant legislation, regulations, standards, codes of practice and workplace requirements including:
 - work health and safety (WHS)/occupational health and safety (OHS)
 - working at heights
 - manual handling
- identifying typical hazards within the solar industry
- inspecting worksite to determine layout and physical condition of rooftop structures
- applying and reviewing risk control measures to minimise, control or eliminate identified hazards
- monitoring control measures
- obtaining, inspecting and using relevant personal protective equipment (PPE)
- applying workplace procedures for an emergency
- using plant, tools and equipment safely
- applying correct manual handling techniques
- applying current working at heights requirements for the solar industry
- completing relevant work records, reports and documentation.

Knowledge Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all of the requirements of the elements and performance criteria and include knowledge of:

- relevant legislation, regulations standards, codes of practice and workplace requirements including:
 - WHS/OHS
 - manual handling in the solar industry
 - working at heights in the solar industry
- identifying hazards, assessing risks, and identifying, applying and monitoring control measures in the solar industry

- regulations for working in the vicinity of overhead supplies
- types of manual handling equipment in the solar industry
- working at heights practices in the solar industry including:
 - passive fall prevention systems
 - work positioning systems
 - fall arrest systems
 - clearances to other services
 - layout and physical condition of rooftop structures
- types, inspection and application of PPE
- safe use of plant, tools and equipment including:
 - pre-operational checks
 - post-operational checks
- types of injuries common in the solar industry
- emergency and rescue plan
- asbestos, including:
 - common types of asbestos containing building materials
 - warning signs used to identify the presence of asbestos
 - effects of asbestos on the human body
 - requirements for reporting the presence of asbestos
- silica, including:
 - types of materials that contain crystalline silica (silica dust)
 - methods of releasing silica dust
 - recommended levels of exposure to crystalline silica
 - effects of crystalline silica on the human body
- working safely with electricity, including:
 - hazards of direct current (d.c.) and alternating current (a.c.) electricity
 - effects of electric shock on the body
 - precautions to minimise the chance of electric shock
 - common causes of electrical accidents
 - procedures for emergency involving electricity.

Assessment Conditions

Assessors must hold credentials specified within the Standards for Registered Training Organisations current at the time of assessment.

Assessment must satisfy the Principles of Assessment and Rules of Evidence and all regulatory requirements included within the Standards for Registered Training Organisations current at the time of assessment.

Assessment must occur in workplace operational situations, where it is appropriate to do so.

Where this is not appropriate, assessment must occur in simulated conditions involving realistic

and authentic activities that replicate operational workplace conditions.

Assessment processes and techniques must be appropriate to the language, literacy and numeracy requirements of the work being performed and the needs of the candidate.

Resources for assessment must include access to:

- relevant and appropriate materials, tools, equipment and PPE currently used in industry
- applicable documentation, including workplace procedures, relevant industry standards, equipment specifications, regulations, codes of practice and operation manuals.

Links

Companion Volume Implementation Guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=b8a8f136-5421-4ce1-92e0-2b50341431b6>