



Australian Government

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.

Application

This unit involves the skills and knowledge required to apply safe work practices in the rooftop solar industry.

It includes identifying health and safety legislation, regulations, standards, codes of practice and workplace requirements and their application to relevant workplace tasks.

It also includes working safely at heights, safe manual handling of solar components, asbestos and silica awareness.

Work is performed by teams of two or more persons to install and repair domestic or commercial solar rooftop systems.

The application of the skills and knowledge described in this unit may require a licence, registration or certification to practice in the workplace.

Other conditions may also apply under state and territory legislative and regulatory licensing requirements which must be confirmed prior to commencing this unit.

Pre-requisite Unit

Not Applicable

Competency Field

Renewable Energy

Unit Sector

Electrotechnology

Elements and Performance Criteria

ELEMENTS

PERFORMANCE CRITERIA

Elements describe the essential Performance criteria describe the performance needed to

outcomes.

demonstrate achievement of the element.

1 Prepare to apply safe practices

- 1.1** Legislation, regulations, standards, codes of practice and workplace requirements for the worksite are identified and referred to
- 1.2** Plant, tools, equipment and personal protective equipment (PPE) required for work are determined, obtained and confirmed in working order
- 1.3** Hazards are identified, risks assessed and control measures identified in accordance with workplace and regulatory requirements
- 1.4** Worksite is prepared to minimise risk in accordance with workplace and regulatory requirements

2 Apply safe practices

- 2.1** Legislation, regulations, standards, codes of practice and workplace requirements for the work to be performed are applied and monitored
- 2.2** Manual handling is carried out in accordance with workplace and regulatory requirements
- 2.3** Plant, tools, equipment and PPE are used in accordance with manufacturer, workplace and regulatory requirements
- 2.4** Working at heights is carried out in accordance with workplace and regulatory requirements
- 2.5** Hazard control measures are applied and monitored in accordance with workplace and regulatory requirements
- 2.6** Worksite is maintained to minimise risk in accordance with workplace requirements
- 2.7** Hazards identified during the work are assessed and controlled in accordance with workplace and regulatory requirements
- 2.8** Incidents and emergencies are responded to in accordance with workplace and regulatory requirements

3 Complete work and documentation

- 3.1** Worksite is rehabilitated, cleaned and made safe in accordance with workplace and regulatory requirements
- 3.2** Plant, tools and equipment are cleaned, checked and returned in accordance with workplace requirements

- 3.3** Work records, reports and documentation are completed in accordance with workplace and regulatory requirements

Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Range of Conditions

Range is restricted to essential operating conditions and any other variables essential to the work environment.

Non-essential conditions may be found in the UEE Electrotechnology Training Package Companion Volume Implementation Guide.

Unit Mapping Information

Newly created unit.

Links

Companion Volume Implementation Guides are found in VETNet -

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