



**Australian Government**

# **UEE22226 Certificate II in Gateway to the Energy Sector**

# UEE22226 Certificate II in Gateway to the Energy Sector

## Modification History

| Release | Comments                                                                                      |
|---------|-----------------------------------------------------------------------------------------------|
| 1       | This qualification was first released in UEE Electrotechnology Training Package Release 10.0. |

## Qualification Description

This qualification provides learners with the foundational knowledge and skills to explore a range of career opportunities within the Australian energy sector. It introduces learners to key industry areas including electrotechnology, renewable energy, industrial gases, battery storage systems, heavy electrical mobile plant, and emerging areas such as automation and climate control.

The qualification involves structured project work that develops foundation, technical and communication skills, safe work practices and basic use of tools and equipment. Learners will also develop skills to use digital technologies to research energy occupations and develop a personalised career profile.

Work is performed under supervision in structured learning environments, requiring learners to exercise autonomy and limited judgement to carry out defined project and practical tasks, following established routines and safe work practices. Activities are limited to extra-low voltage (ELV) direct current (d.c.) systems.

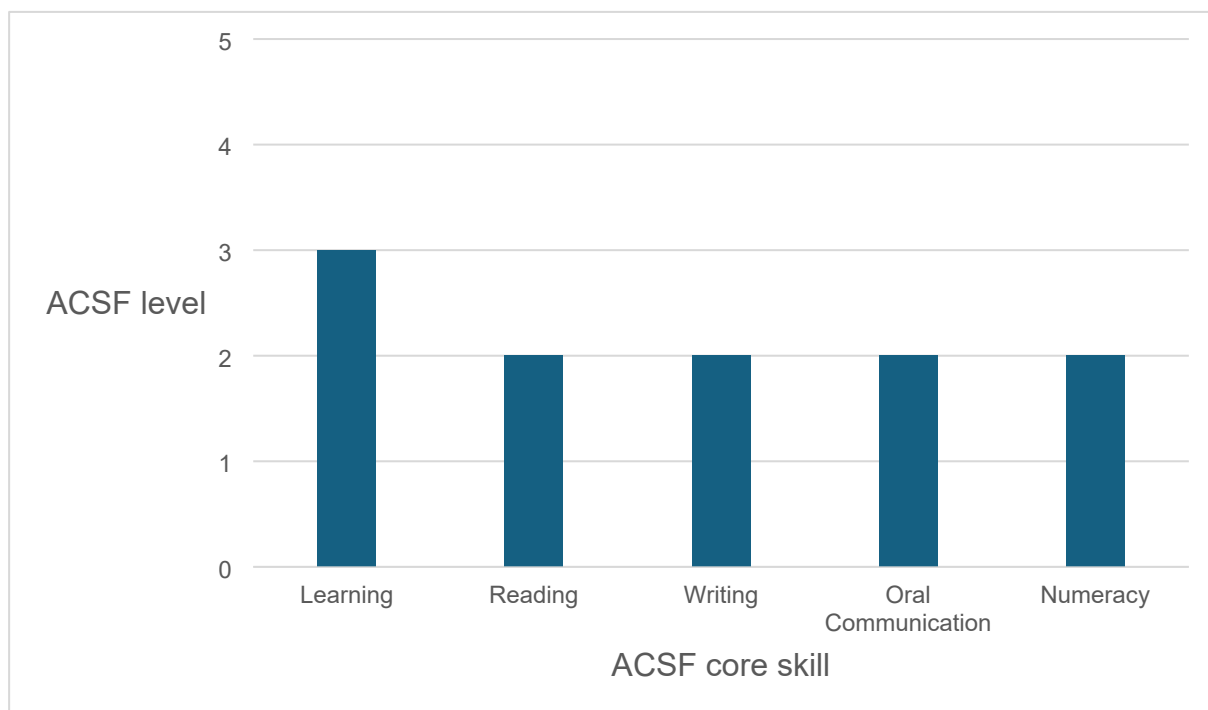
This qualification is designed for individuals considering a career in the energy sector including secondary school students, school-to-work transition learners, and others seeking to understand career options within the Australian energy sector. Graduates will be prepared to undertake further vocational education and training or pre-apprenticeship programs within the energy sector and to make informed decisions about future training and career pathways.

## Licensing/Regulatory Information

No licensing, legislative or certification requirements apply to this qualification at the time of publication.

## Foundation Skills Outcomes

The foundation skills outcomes in this qualification are outlined below.



## Entry Requirements

This qualification has no entry requirements.

## Packaging Rules

This is a core only qualification. All ten units of competency must be successfully completed to meet the requirements for awarding the full qualification.

| Core units |                                                                   |
|------------|-------------------------------------------------------------------|
| UEEFS2001  | Explore energy sector occupations and develop a career profile    |
| UEEFS2002  | Develop foundation skills required for entry to the energy sector |
| UEEFS2003  | Work safely and sustainably in the energy sector                  |
| UEEFS2004  | Use basic tools and electronic components in the energy sector    |
| UEEFS2005  | Explore renewable energy systems                                  |
| UEEFS2006  | Explore industrial gases in the energy sector                     |
| UEEFS2007  | Explore climate control and energy efficiency systems             |

|           |                                                                         |
|-----------|-------------------------------------------------------------------------|
| UEEFS2008 | Explore data and automation in smart energy systems                     |
| UEEFS2009 | Explore battery storage and vehicle-to-everything energy systems        |
| UEEFS2010 | Explore heavy electrical mobile plant in mining and resource industries |

## Pre-requisite Requirements

There are no pre-requisites associated with units packaged in this qualification.

## Mandatory Workplace Requirements

| Unit of competency                                                          | Mandatory workplace requirement                                                                                                                         |
|-----------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| UEEFS2001 Explore energy sector occupations and develop a career profile    | There are no mandatory workplace requirements for assessment. Assessment of performance evidence may be conducted in a structured learning environment. |
| UEEFS2002 Develop foundation skills required for entry to the energy sector | There are no mandatory workplace requirements for assessment. Assessment of performance evidence may be in a structured learning environment.           |
| UEEFS2003 Work safely and sustainably in the energy sector                  | There are no mandatory workplace requirements for assessment. Assessment of performance evidence may be in a structured learning environment.           |
| UEEFS2004 Use basic tools and electronic components in the energy sector    | There are no mandatory workplace requirements for assessment. Assessment of performance evidence may be in a structured learning environment.           |
| UEEFS2005 Explore renewable energy systems                                  | There are no mandatory workplace requirements for assessment. Assessment of performance evidence may be in a structured learning environment.           |
| UEEFS2006 Explore industrial gases in the energy sector                     | There are no mandatory workplace requirements for assessment. Assessment of performance evidence may be in a structured learning environment.           |

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|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| UEEFS2007 Explore climate control and energy efficiency systems                   | There are no mandatory workplace requirements for assessment. Assessment of performance evidence may be in a structured learning environment. |
| UEEFS2008 Explore data and automation in smart energy systems                     | There are no mandatory workplace requirements for assessment. Assessment of performance evidence may be in a structured learning environment. |
| UEEFS2009 Explore battery storage and vehicle-to-everything energy systems        | There are no mandatory workplace requirements for assessment. Assessment of performance evidence may be in a structured learning environment. |
| UEEFS2010 Explore heavy electrical mobile plant in mining and resource industries | There are no mandatory workplace requirements for assessment. Assessment of performance evidence may be in a structured learning environment. |

## Qualification Mapping Information

| Previous Code and Title | Equivalence   | Comments                                                                  |
|-------------------------|---------------|---------------------------------------------------------------------------|
|                         | Newly created | This qualification has been created to address a requirement by industry. |

## Links

Companion volumes, including implementation guides, are found on the national training register - <https://training.gov.au/training/details/UEE>.