
**H2TAS003 Prepare to work in the
renewable energy industry**

DRAFT

Release: 1

H2TAS003 Prepare to work in the renewable energy industry

Modification History

Release 1. This is the first release of this unit of competency

Application

This unit involves the skills and knowledge required to prepare to work in the renewable energy industry.

It includes an overview of the industry, types of renewable energy, relevant mandatory safety regulations and workplace policies, procedures and work practices required for working in the Australian renewable industry.

This unit is intended for new entrants to the renewable energy industry.

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

Pre-requisite Unit

Not applicable.

Competency Field

Independent Units

Unit Sector

Renewable Energy Industry

Elements and Performance Criteria

ELEMENTS

PERFORMANCE CRITERIA

Elements describe the essential outcomes.

Performance criteria describe the performance needed to demonstrate achievement of the element.

1 Prepare for working in the renewable energy industry

- 1.1** Relevant regulations, codes and practices are identified and applied
- 1.2** Work health and safety (WHS) workplace policies and procedures are identified and obtained
- 1.3** Relevant person/s are consulted to ensure the work is coordinated effectively with other person/s involved
- 1.4** Resources and materials required for the work are confirmed and obtained in accordance with workplace procedures
- 1.5** Schedule for the work is confirmed in accordance with work instructions and job requirements

2 Determine requirements for working in the renewable energy industry

- 2.1** WHS/OHS workplace policies, procedures and safe work practices are followed to eliminate or minimise incidents in accordance with workplace procedures
- 2.2** Work schedule for activity is followed to ensure work is completed in agreed time, to a quality standard and with a minimum of waste
- 2.3** Unplanned events or conditions are referred to relevant person/s for further instructions in accordance with workplace procedures
- 2.4** Quality checks of work are undertaken in accordance with job instructions and work requirements

3 Complete work and relevant documentation

- 3.1** Final checks are made to ensure work conforms with job instructions and work requirements

- 3.2** Relevant person/s are notified of work completion in accordance with workplace procedures
- 3.3** Work area is cleaned, made safe and sustainable energy practices are followed
- 3.4** Relevant documentation is completed, in accordance with instructions and workplace procedures

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.

Unit Mapping Information

Links

Assessment Requirements for H2TAS004 Prepare to work in the renewable energy industry

Modification History

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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 two separate occasions and include:

- applying relevant industry standards, guidelines, codes of practice and regulations
- applying relevant work health and safety (WHS), including applying risk control and safe work methods
- applying sustainable energy principles and practices
- communicating effectively with relevant person/s
- completing relevant workplace documentation
- confirming and following schedule of work and job requirements
- consulting relevant person/s to coordinate work
- dealing with unplanned events/situations in accordance with workplace procedures, in a manner that minimises risk to personnel and equipment
- following related activity workplace procedures and instructions
- maintaining a clean work area
- obtaining relevant resources and materials to conduct the work
- performing quality checks
- working within agreed timeframes or conditions.

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:

- procedures/protocols for dealing with unplanned events
- relevant industry licensing/regulatory requirements

- relevant industry risk mitigation processes, including risk control and safe work methods
- relevant industry standards, guidelines, codes of practice and regulations
- relevant WHS legislated requirements
- relevant workplace documentation
- relevant workplace policies, procedures and instructions
- requirements to enter the work area
- statutory authorities and regulatory bodies that operate in the hydrogen industry
- sustainable energy principles and practices includes techniques to minimise waste.

Assessment Conditions

As a minimum, assessors must satisfy applicable regulatory requirements, which include requirements in the Standards for Registered Training Organisations current at the time of assessment.

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Assessment must occur in workplace operational situations where it is appropriate to do so; where this is not appropriate, assessment must occur in simulated workplace operational situations that replicate 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:

- a range of relevant exercises, case studies and/or other simulations
- relevant and appropriate materials, tools, equipment and personal protective equipment (PPE) currently used in industry
- applicable documentation, including workplace procedures, equipment specifications, regulations, codes of practice and operation manuals.

Links