



Australian Government

Assessment Requirements for UEERE0042 Manage renewable energy (RE) projects

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, performance criteria and range of conditions on at least one occasion and include:

- establishing the scope of the project accurately
- ascertaining the input of a project
- developing effective management processes
- managing resources and variations effectively
- resolving conflicts
- adopting risk management strategies
- maintaining records and submitting progress reports
- meeting project outcomes
- dealing with unplanned events
- applying relevant work health and safety (WHS)/occupational health and safety (OHS) requirements and workplace procedures and practices, including the use of risk control measures
- completing and handing over project
- developing and applying relevant hazard identification, risk assessment, relevant control measures and reporting.
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Knowledge Evidence

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

- renewable energy (RE) project management, including:
 - project management encompassing:
 - defining project parameters: project scope, project stakeholders and clients, project phases and the relationship between phases, time requirements and limitations, resource requirements and limitations, quality requirements and limitations
 - time management: time-management concepts and standard practices for ensuring a

project runs to time

- financial management: financial management concepts; standard practices for managing project finances; project budget, costs, variations and estimations; invoicing against project phases/deliverables; and acquittals
- quality management: quality management concepts and standard practices for managing quality within a project
- human resource management: human resource management concepts and standard practices for managing personnel within a project
- communication management: communication management concepts and standard practices for managing communication within a project
- risk management and contingencies: risk management concepts, standard practices for managing risk within a project, internal risks, external risks, risk minimisation, risk removal and contingencies
- procurement management: procurement management concepts and standard practices for managing procurement
- physical resource management: types of physical resources, including:
 - equipment, technology, information, facilities, physical resource management concepts and standard practices for managing physical resources
- contracts: understanding project contracts, standard practices for working to contract specifications, contract format, contract content, legal obligations of contract parties, and accompanying documentation, including:
 - contract schedules
- performance assessment and continuous improvement: standard performance assessment practices and standard continuous improvement practices
- engineering ethics principles
- customer/client relations encompassing:
 - importance of customer/client relations
 - interpersonal skills that enhance customer/client
 - dispute resolution
 - customer/client relations strategies
- RE industry sector customs and practices encompassing:
 - technical aspects of project planning and management:
 - method of ensuring equipment meets specified performance requirements
 - performance/cost-benefit analysis
 - equipment procurement
 - typical approaches to planning and management
 - successful planning techniques
 - best practice management methods and styles
- WHS/OHS and enterprise responsibilities encompassing:
 - provisions of relevant WHS/OHS legislation
 - principles and practices of effective WHS/OHS management
 - management arrangements relating to regulatory compliance

- enterprise hazards and risks, control measures and relevant expertise required
- characteristics and composition of workforce and their impact on WHS/OHS management
- relevance of enterprise management systems to WHS/OHS management
- analysis of working environment and design of appropriate WHS/OHS management systems
- analysis of relevant data and evaluation of WHS/OHS system effectiveness
- assessment of resources to establish and maintain WHS/OHS management systems
- relevant manufacturer specifications
- relevant workplace documentation
- relevant workplace policies and procedures.

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 suitable workplace operational situations where it is appropriate to do so; where this is not appropriate, assessment must occur in suitable 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
- resources that reflect current industry practices in relation to managing RE projects
- applicable documentation, including workplace procedures, 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>