



Australian Government

UEERA0055 Manage refrigeration and air conditioning 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.

Application

This unit involves the skills and knowledge required to manage refrigeration and air conditioning projects.

It includes the management of safety, budget, variations, personnel, resources and critical path timelines and all necessary progress and completion documentation.

The skills and knowledge described in this unit may, in some jurisdictions, require a licence or permit to practice in the workplace subject to regulations for undertaking refrigeration and air conditioning work.

Practice in the workplace and during training is also subject to work health and safety (WHS)/occupational health and safety (OHS) regulations.

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

Pre-requisite Unit

Not applicable

Competency Field

Refrigeration and air-conditioning

Unit Sector

Electrotechnology

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes.

PERFORMANCE CRITERIA

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

- 1 Determine the scope of the project**
 - 1.1** WHS/OHS requirements and workplace procedures for a given work area are identified, obtained and applied
 - 1.2** Project deliverables and budget are determined from project planning and relevant documentation and/or discussions with relevant person/s
 - 1.3** Measurable outcomes are identified to evaluate project on completion from project planning and relevant documentation in accordance with contractual agreement
 - 1.4** Plant, materials and skills required to meet project outcomes are determined from project planning and relevant documentation in accordance with contractual agreement
 - 1.5** Workplace procedures are developed for managing contract variations from discussions with relevant person/s in accordance with contractual agreement
- 2 Manage project**
 - 2.1** WHS/OHS requirements and procedures are implemented and monitored
 - 2.2** Achievement of project outcomes is assigned to relevant person/s involved in the project
 - 2.3** Project risks are identified and project plan strategies implemented to ensure outcomes are achieved in accordance with relevant industry standards, WHS/OHS requirements, contractual agreement and workplace procedures
 - 2.4** Procurement processes, timelines and supply of plant and materials are monitored in accordance with workplace procedures
 - 2.5** Project progress is monitored in accordance with schedule, quality requirements and budget
 - 2.6** Conflict issues at worksite between stakeholders, clients and regulators are identified and managed in accordance with workplace procedures
 - 2.7** Variations are managed in accordance with workplace procedures and contractual agreement
 - 2.8** Project records are maintained and forwarded to relevant person/s

3 Complete project

- 3.1 Project outcomes, implemented risk strategies, contract variations, safety record and budget are reviewed in accordance with contractual agreement
- 3.2 Project completion acceptance is sought from relevant person/s and handover documented in accordance with 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.

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

Managing a refrigeration and air conditioning project must include the following:

- an industry accepted medium-sized refrigeration or air conditioning project

Unit Mapping Information

This unit replaces and is equivalent to UEENEEJ040B Manage refrigeration and air conditioning projects.

Links

Companion Volume implementation guides are found in VETNet - -

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