



Australian Government

UEERA0058 Plan 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 plan refrigeration and air conditioning projects.

It includes establishing budgets, applying critical path analysis, developing workflow strategies, and presenting and negotiating budgets and timelines.

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.

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| 1 Prepare to plan project | 1.1 | WHS/OHS requirements and workplace procedures for a given work area are identified, obtained and applied |
| | 1.2 | Techniques for project planning are reviewed and adopted in accordance with workplace procedures |
| | 1.3 | Project is determined from design brief specifications and/or relevant documentation and discussions with relevant person/s |
| 2 Develop project plan proposal | 2.1 | Plant, material, labour and relevant costs are sought and obtained from relevant person/s in accordance with workplace procedures |
| | 2.2 | Project budget is determined from estimated plant, material, labour and relevant costs in accordance with workplace procedures |
| | 2.3 | Critical path analysis is applied to developing workflow strategies |
| | 2.4 | Sources and availability of materials and human resources required for project are determined in accordance with workplace procedures |
| | 2.5 | Risk management strategies are sought, obtained and incorporated in project plan |
| | 2.6 | Project plan is reviewed and adjusted to rectify any anomalies in accordance with project plan |
| | 2.7 | Project plan proposal is documented in accordance with workplace procedures |
| 3 Obtain approval for project plan | 3.1 | Project plan is presented and discussed with relevant person/s |
| | 3.2 | Alterations to the project plan resulting from the presentation/discussion are negotiated with relevant person/s in accordance with workplace procedures |
| | 3.3 | Final project plan is documented and approval obtained from relevant person/s |

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.

Planning refrigeration and air conditioning projects must include the following:

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

Unit Mapping Information

This unit replaces and is equivalent to UEENEEJ069B Plan 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>