



Australian Government

UEEIC0049 Manage instrumentation and control 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 instrumentation and control projects.

It includes managing safety, budget variation, personnel, resources and critical path timelines; implementing project plan strategies; identifying measurable outcomes; managing conflict; monitoring procurement and completing documentation.

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

Pre-requisite Unit

UEECD0007 Apply work health and safety regulations, codes and practices in the workplace

Competency Field

Instrumentation & Control

Unit Sector

Electrotechnology

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes.

1 Determine scope of instrumentation and control project

PERFORMANCE CRITERIA

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

- 1.1 Work health and safety (WHS)/occupational health and safety (OHS) processes 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/or relevant documentation and

- discussions with relevant person/s
- 1.3** Measurable outcomes are identified to evaluate project on completion from project planning and relevant documentation
 - 1.4** Plant, materials and skills required to meet project outcome are determined from project planning and relevant documentation
 - 1.5** Processes are developed to manage contract variations from discussions with relevant person/s in accordance with contractual agreement and workplace procedures
- 2 Manage project**
- 2.1** WHS/OHS requirements, workplace procedures and programs are implemented and monitored
 - 2.2** Achievement of project outcome is delegated to relevant person/s involved in project
 - 2.3** Risk events are identified and project plan strategies implemented to ensure standard of quality outcomes are achieved in accordance with WHS/OHS requirements and contractual agreement
 - 2.4** Procurement processes are monitored to ensure timely supply of plant and materials in accordance with workplace procedures and project plan
 - 2.5** Project progress is monitored in accordance with schedule, quality requirements and budget
 - 2.6** Conflict issues on 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 project plan
 - 2.8** Project records are maintained, progress reports written and forwarded to relevant person/s
- 3 Complete instrumentation and control project**
- 3.1** Project outcomes are reviewed in accordance with project scope, implemented risk strategies, contract variations, safety record and budget
 - 3.2** Project completion acceptance is sought from relevant person/s and handover documented in accordance with workplace procedure

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.

Unit Mapping Information

This unit replaces and is equivalent to UEENEEI134A Manage instrumentation and control projects.

Links

Companion Volume implementation guides are found in VETNet - -

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