



Australian Government

UEECD0013 Develop and implement energy sector maintenance programs

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 develop and implement energy sector maintenance programs.

It includes preparing, developing and implementing maintenance programs. It also includes evaluating risks associated with equipment failure; developing maintenance frequency; adhering to repair/replacement policies; and developing, recording and reporting system.

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

Pre-requisite Unit

Not applicable

Competency Field

Cross Discipline

Unit Sector

Electrotechnology

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes.

1 Prepare maintenance requirements for energy sector

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 WHS/OHS risk control measures and workplace

procedures in preparation for the work are followed

- 1.3** WHS/OHS and workplace procedures are developed for required practice skills, frequency and level of maintenance work
 - 1.4** Maintenance program is determined from plant performance specifications and in consultation with relevant person/s
 - 1.5** Relevant person/s is engaged to assess the risks with individual equipment failure
 - 1.6** Level and frequency of repair/replacement for maintenance work is identified following manufacturer instructions in accordance with WHS/OHS and relevant industry standards
 - 1.7** Systems to manage and record maintenance work are identified in accordance with workplace procedures and relevant industry standards
- 2 Develop and implement maintenance program**
- 2.1** Schedules detailing maintenance levels and frequency for equipment items are developed in accordance with risk assessment reports and manufacturer instructions
 - 2.2** Workplace procedures for the maintenance program are developed and implemented in accordance with workplace schedule and relevant industry standards
 - 2.3** Workplace procedures for records to be maintained are developed and implemented in accordance with workplace schedule and relevant industry standards
 - 2.4** Maintenance program is documented in accordance with relevant industry standards and workplace procedures
- 3 Evaluate maintenance program**
- 3.1** Periodic and sample inspection reports are used for maintenance quality and revision of maintenance schedule and frequency in accordance with workplace procedures
 - 3.2** Maintenance schedule is reviewed and revised to maintain equipment to acceptable level 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.

Developing and implementing energy sector maintenance programs must include producing one workplace maintenance program and include at least ten different types of items included in the schedule:

- elements or variables included in the schedule

Unit Mapping Information

This unit replaces and is equivalent to UEENEEE110A Develop and implement energy sector maintenance programs.

Links

Companion Volume implementation guides are found in VETNet - -

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