



Australian Government

UEPOPS232 Transport plant and equipment

Release: 1

UEPOPS232 Transport plant and equipment

Modification History

Release 1. This is the first release of this unit of competency in the UEP Generation Training Package.

Application

This unit involves the skills and knowledge required to transport power generation plant and equipment.

Road transport is typically used to move light or heavy materials, equipment and power generation plant from one location to another, as required.

Competency in this unit requires the ability to plan and prepare for power generation plant and equipment for transportation, obtaining permits, loading and unloading power generation plant and equipment, securing load, operating transport vehicle and completing documentation. Individuals will, in general, work as an operator, in a power generation facility.

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

Note: Workplace practice

The application of the skills and knowledge described in this unit may require a licence or training permit to practice in the workplace where work is carried out on gas and electrical installations, or driving transport vehicles. Additional conditions may apply under state and territory legislative and regulatory licensing requirements.

Pre-requisite Unit

There are no prerequisite units.

Competency Field

Operations

Unit Sector

Electricity generation

Elements and Performance Criteria

ELEMENTS

PERFORMANCE CRITERIA

Elements describe the essential outcomes.

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

1 Plan and prepare for transportation

- 1.1** Safety requirements are identified, in accordance with Work, Health and Safety (WHS)/Occupational Health and Safety (OHS) regulations, legislative requirements, industry standards, codes of practice and workplace procedures
- 1.2** Transport requirements are confirmed from work scheduling, in accordance with workplace procedures
- 1.3** Characteristics of load are identified, in accordance with workplace procedures, to ensure appropriate loading and unloading procedures are followed

2 Obtain transport permits

- 2.1** Permit forms are completed, in accordance with workplace procedures
- 2.2** Load is assessed so as not to exceed safe working capacity of vehicle, in accordance with workplace procedures, manufacturers' specifications and regulatory authority's requirements

3 Load/unload plant or equipment

- 3.1** Vehicle is inspected prior to loading, in accordance with workplace procedures and manufacturers' specifications
- 3.2** Start up, park up and shut down procedures are carried out on transport vehicle, as required, in accordance with manufacturers' specifications and workplace procedures
- 3.3** Power generation plant and equipment is loaded and unloaded safely, in accordance with workplace procedures, ensuring no injury to personnel or damage to property, equipment and load
- 3.4** Calculations on dimensions including height and width of load and transport vehicle requirements are made for oversized loads, in accordance with workplace procedures
- 3.5** Lashings are stored in transport vehicle, in accordance with workplace procedures
- 3.6** Load is secured to transport vehicle using appropriate securing equipment and is lashed to anchorage points, in accordance with securing systems, manufacturers' specifications and workplace procedures

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|------------------------------------|------------|---|
| 4 Operate transport vehicle | 4.1 | Preoperational checks are carried out on power generation plant, in accordance with manufacturers' recommendations and workplace procedures |
| | 4.2 | Attachments are set at correct height or position, and transport vehicle is driven, in accordance with traffic regulations, manufacturers' specifications and workplace procedures |
| | 4.3 | Start up, park up and shut down procedures are carried out on transport vehicle, in accordance with manufacturers' recommendations and workplace |
| | 4.4 | Hazards are identified and risk control measures are applied whilst transporting power generation plant and equipment on public roads and at work site, in accordance with workplace procedures |
| | 4.5 | Traffic regulations are adhered to, in accordance with workplace procedures |
| 5 Complete documentation | 5.1 | Post operational checks and minor maintenance is carried out on transport vehicle and accessories, in accordance with manufacturers' recommendations and workplace procedures |
| | 5.2 | Documentation is updated and transport vehicle abnormalities and status is reported, in accordance with workplace |

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 Companion Volume Implementation Guide.

Unit Mapping Information

This unit replaces and is equivalent to UEPOPS232B Transport plant and equipment.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=1715b9fa-e7bd-441c-bb8d-cf22c9c825a8>

Assessment Requirements for UEPOPS232 Transport plant and equipment

Modification History

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Performance Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all the requirements of the elements, performance criteria and range of conditions on at least two separate occasions and includes:

- applying Work, Health and Safety (WHS)/Occupational Health and Safety (OHS) legislated requirements including:
 - emergency procedures
 - risk control measures
 - safe working practices
- completing documentation using recording procedures
- complying with legislation, industry standards, codes of practice and regulations
- complying with road transport permit requirements
- loading, offloading and transporting power generation plant and equipment
- operating and manoeuvring vehicles
- operational and maintenance procedures
- prestart, start up and shut down procedures
- securing loads using lashing techniques

Knowledge Evidence

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

- lashing techniques
- legislation, industry standards, codes of practice and regulations
- loading and offloading procedures
- manufacturers' specifications and manuals
- power generation plant and equipment, its location and operation
- prestart, start up and shut down procedures
- road transport permits
- transport equipment capabilities and limitations
- transport operational and maintenance procedures

- WHS/OHS legislated requirements including:
 - emergency procedures
 - risk control measures
 - safe working practices
- workplace policies and procedures
- workplace documentation

Assessment Conditions

As a minimum, assessors must satisfy applicable regulatory requirements, which include requirements in the Standards for Registered Training Organisations current at the time of assessment.

As a minimum, assessment must satisfy applicable regulatory requirements, which include requirements in the Standards for Registered Training Organisations current at the time of assessment.

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.

Assessment must occur in workplace operational situations. Where this is not appropriate, assessment must occur in simulated workplace operational situations that reflect workplace conditions.

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 currently used in industry
- applicable documentation including workplace procedures, industry standards, equipment specifications, regulations, codes of practice and operation manuals.

Links

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