



Australian Government

RIIWHS303 Position, set up and program portable traffic control devices

Release: 1

RIIWH303 Position, set up and program portable traffic control devices

Modification History

Not applicable.

Application

This unit describes the skills and knowledge required to transport, position, operate, commission and de-commission portable traffic control devices in the civil construction industry.

It applies to those working in operational roles. They generally work in teams in live traffic environments under some degree of supervision.

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

Unit Sector

Civil construction

Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Prepare to use portable traffic control devices	1.1 Select and wear personal protective equipment required for the work activity 1.2 Access, interpret and apply required traffic guidance scheme and documentation for portable traffic control devices and confirm work activity is compliant 1.3 Perform site specific risk assessments

2. Commission portable traffic control devices	2.1 Position and set up portable traffic control devices and temporary traffic signs according to traffic guidance scheme 2.2 Confirm safe location of traffic controllers while operating portable traffic control devices 2.3 Select, apply and change signal sequence of portable traffic control devices according to job requirements 2.4 Monitor traffic flow and confirm portable traffic control devices are performing according to job requirements 2.5 Provide guidance and correction to traffic control personnel and required adjustments to signal sequence according to delegated authority
3. De-commission and remove portable traffic control devices from site	3.1 Confirm shut-down procedures are conducted according to manufacturer specifications 3.2 Confirm portable traffic control devices are removed from site according to traffic guidance scheme
4. Conduct housekeeping activities	4.1 Confirm inspection and fault finding is conducted according to manufacturer specifications 4.2 Confirm routine maintenance is carried out according to workplace policies and procedures 4.3 Confirm portable traffic control devices, temporary traffic signs, tools and equipment are cleaned, checked, maintained and stored according to workplace policies and procedures

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential to performance but not explicit in the performance criteria.

Skill	Description
Numeracy	Applies basic mathematical problem solving processes, including simple addition, subtraction, multiplication and division
Oral communication	Listens to short, explicit instructions for work procedures and asks questions to clarify and confirm
Reading	Identifies and interprets information from workplace procedures, documentation, legislation and regulations
Technology	Identifies purposes, specific functions and key features of common digital systems and tools and operates them as required

Unit Mapping Information

New unit

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=88a61002-9a21-4386-aaf8-69c76e675272>

Assessment Requirements for RIIWH303 Position, set up and program portable traffic control devices

Modification History

New unit.

Performance Evidence

The candidate must demonstrate the ability to complete the tasks outlined in the elements, performance criteria and foundation skills of this unit, including evidence of the ability to:

- position, set-up and program portable traffic control devices and temporary traffic signs according to traffic guidance schemes in a manner that is safe and follows workplace policies and procedures on at least two occasions, including:
 - identifying and implementing site specific requirements
 - identifying type, scope and potential impact of hazards
 - identifying and recommending risk control measures
 - identifying and applying environmental protection requirements
 - identifying safe locations for traffic controllers to operate portable traffic control devices.

During the above, the candidate must:

- locate and apply required legislations, documentation, policies and procedures including documentation required for worksite projects and required traffic management
- provide guidance to traffic control personnel
- complete shut down and housekeeping requirements.

Knowledge Evidence

The candidate must be able to demonstrate knowledge to complete the tasks outlined in the elements, performance criteria and foundation skills of this unit, including knowledge of:

- procedures required for completing required documentation types, including:
 - traffic management plans
 - traffic guidance schemes
 - work instructions
 - legislative requirements
 - safety requirements
 - environmental protection
 - emergency procedures
 - portable traffic control devices documentation
- traffic management risk management processes and hierarchy of control, including risk assessment procedures

- principles for determining safe locations for traffic controllers to operate portable traffic control devices and temporary traffic signs
- traffic flow principles and the interaction between all road users and portable traffic control devices and temporary traffic signs, including:
 - the impact of signal sequence on traffic flow
 - factors that cause portable traffic control devices to impede traffic flow
- portable traffic control devices and temporary traffic signs, including:
 - signal sequence procedures
 - shut-down, maintenance and storage procedures
 - manufacturer specifications
 - workplace requirements
- delegated authorities required approve signal sequence changes
- road rules and site and traffic management requirements for work activities.

Assessment Conditions

Mandatory conditions for assessment of this unit are stipulated below. The assessment must:

- include access to:
 - traffic management plan
 - traffic guidance scheme
 - portable traffic control devices
 - temporary traffic signs
 - personal protective equipment
- be conducted in a safe environment; and,
- be assessed in the context of this sector's work environment with portable traffic control devices on a real live road setting covered by a traffic management plan and traffic guidance scheme; and,
- be assessed in compliance with relevant legislation/regulation and using policies, procedures and processes directly related to the industry sector for which it is being assessed; and,
- confirm consistent performance can be applied in a range of relevant workplace circumstances.

Where personal safety or environmental damage are limiting factors, assessment may occur in a simulated work environment* provided it is realistic and sufficiently rigorous to cover all aspects of this sector's workplace performance, including environment, task skills, task management skills, contingency management skills and job role environment skills.

Assessor Requirements

Assessors must be able to clearly demonstrate current and relevant industry knowledge and experience to satisfy the mandatory regulatory standards as set out in the Standards for Registered Training Organisations (RTOs) 2015/Australian Quality Training Framework mandatory requirements for assessors current at the time of assessment and any relevant licensing and certification requirements. This includes:

- vocational competencies at least to the level being delivered and assessed
- current industry skills directly relevant to the training and assessment being provided
- current knowledge and skills in vocational training and learning that informs their training and assessment
- formal relevant qualifications in training and assessment
- having knowledge of and/or experience using the latest techniques and processes
- possessing the required level of RII training product knowledge
- having an understanding and knowledge of legislation and regulations relevant to the industry and to employment and workplaces
- demonstrating the performance evidence, and knowledge evidence outlined in this unit of competency, and
- the minimum years of current** work experience after competency has been obtained as specified below in an industry sector relevant to the outcomes of the unit.

It is also acceptable for the appropriately qualified assessor to work with an industry expert to conduct assessment together and for the industry expert to be involved in the assessment judgement. The industry expert must have current industry skills directly relevant to the training and assessment being provided. This means the industry subject matter expert must demonstrate skills and knowledge from the minimum years of current work experience after competency has been obtained as specified below, including time spent in roles related to the unit being assessed:

Industry sector	AQF indicator level***	Required assessor or industry subject matter expert experience
Drilling, Metalliferous Mining, Coal Mining, Extractive (Quarrying) and Civil Infrastructure	1	1 year
	2	2 years
Drilling, Coal Mining, Extractive (Quarrying), Metalliferous Mining and Civil Infrastructure	3-6	3 years
Other sectors	Where this unit is being assessed outside of the resources and infrastructure sectors assessor and/or industry subject matter expert experience should be in-line with industry standards for the sector in which it is being assessed and where no industry standard is specified should comply with any relevant regulation.	

*Guidance on simulated environments has been stipulated in the RII Companion Volume Implementation Guide located on VETNet.

**Assessors can demonstrate current work experience through employment within industry in a role relevant to the outcomes of the unit; or, for external assessors this can be demonstrated through exposure to industry by conducting a minimum number of site assessments as determined by the relevant industry sector, across various locations.

*** While a unit of competency does not have an AQF level, where a unit is being delivered outside of a qualification the first numeric character in the unit code should be considered as the AQF indicator level for assessment purposes.

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