



**Australian Government**

# **RIIRTM201E Position, set-up and operate variable message signs**

**Release: 1**

# RIIRTM201E Position, set-up and operate variable message signs

## Modification History

| Release   | Comments                                                                                                 |
|-----------|----------------------------------------------------------------------------------------------------------|
| Release 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 6.0. |

## Application

This unit describes the skills and knowledge required to transport, position, operate and remove variable message signs, which may be truck or trailer mounted, and conduct housekeeping activities relevant to the task in the civil construction industry.

It applies to those working in operational roles. They generally work under supervision to undertake a prescribed range of functions involving known routines and procedures and take some responsibility for the quality of work outcomes.

Licensing, legislative and certification requirements that apply to this unit can vary between states, territories, and industry sectors. Users must check requirements with relevant body before applying the unit.

## 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. Plan and prepare to position, set up and operate a variable message sign | <ul style="list-style-type: none"><li>1.1 Obtain, interpret, clarify and confirm work instructions</li><li>1.2 Access, interpret and apply documentation required to position, set-up and operate variable message signs</li><li>1.3 Select and wear personal protective equipment required for work activity</li><li>1.4 Identify, address and report potential risks, hazards and environmental issues and implement control measures within scope of own role</li><li>1.5 Identify, confirm, clarify and apply environmental protection requirements</li></ul> |

| ELEMENT                                                 | PERFORMANCE CRITERIA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|---------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                         | 1.6 Obtain and interpret emergency procedures and identify steps required to respond to emergencies                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 2. Transport variable message sign                      | 2.1 Conduct variable message sign pre-start check and report or rectify faults as required<br>2.2 Prepare variable message sign for transportation<br>2.3 Confirm variable message sign is secured to vehicle<br>2.4 Connect, manoeuvre and transport variable message sign according to job requirements<br>2.5 Enter work site according to road and traffic management requirements<br>2.6 Park-up and confirm braking system is engaged<br>2.7 Check variable message sign controls and functions and report or rectify faults as required |
| 3. Position variable message sign                       | 3.1 Position variable message sign according to traffic management plan or diagram and traffic and site safety regulations and guidelines<br>3.2 Complete site-specific risk assessment<br>3.3 Select level site and confirm variable message sign is stable<br>3.4 Confirm variable message sign visibility to road users<br>3.5 Provide safe travel path for cyclists and pedestrians past variable message sign<br>3.6 Initiate variable message sign security system<br>3.7 Operate communication devices according to job requirements    |
| 4. Operate variable message sign                        | 4.1 Select, apply and change messages according to job requirements and manufacturer specifications<br>4.2 Confirm variable message sign displays required message<br>4.3 Confirm variable message sign is legible to road users<br>4.4 Confirm message does not conflict with existing signage                                                                                                                                                                                                                                                |
| 5. Shut down and remove variable message sign from site | 5.1 Conduct shut-down procedures according to manufacturer specifications<br>5.2 Prepare variable message sign for transportation<br>5.3 Remove variable message sign from site according to road rules,                                                                                                                                                                                                                                                                                                                                       |

| ELEMENT                        | PERFORMANCE CRITERIA                                                                                                                                                                                                                                                                                                       |
|--------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                | site and traffic management requirements                                                                                                                                                                                                                                                                                   |
| 6. Conduct clean-up activities | 6.1 Conduct inspection and fault finding according to manufacturer specifications and site requirements<br>6.2 Carry out minor routine maintenance according to site requirements<br>6.3 Clean, check, perform maintenance on and store tools and equipment according to manufacturer specifications and site requirements |

## 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                                                                                                                                      |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| Self-management    | <ul style="list-style-type: none"><li>Monitors and minimises own exposure to worksite risks and hazards during work activities</li></ul>         |
| Oral communication | <ul style="list-style-type: none"><li>Conveys information and instructions to other verbally</li></ul>                                           |
| Writing            | <ul style="list-style-type: none"><li>Completes basic records using sector-specific vocabulary, grammatical structures and conventions</li></ul> |

## Unit Mapping Information

Supersedes and is equivalent to RIIRTM201D Position, set-up and operate a variable message sign.

## Links

Companion Volume Implementation Guide is found on VETNet -

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