

**1. Module details**

**Module name**

**Basic Road and Traffic Management at Worksites (Traffic Controller)**

**Module duration**

It is expected that students with the appropriate entry knowledge and skills will successfully complete this module in 18 - 20 hours.

**Module code**

NUE259

**2. Module purpose**

To provide participants with the knowledge and skills required to direct traffic using a STOP/SLOW bat and to set up traffic control zones using a range of signage and devices in accordance with AS 1742.3 and State and Territory Road Statutory requirements.

**3. Prerequisites**

NBB02 Occupational Health and Safety.  
NUE258 First Aid.

**4. Relationship to competency standards**

NES101, NES450, NES640, RUH HRT103

**5. Content**

**Traffic control using STOP/SLOW bats**

**Principles of traffic control**

**Traffic control signs and devices**

**Establishing a simple work site traffic management scheme**

## 6. Assessment strategy

### Assessment methods

The learning outcomes of this module may be assessed orally in conjunction with practical demonstration. Practical demonstration should be, preferably, at the worksite or in a simulated work situation. Some written work is required and may take the form of a written test in conformance with licensing requirements of State/Territory Road Traffic Authorities, where the participant and employer are seeking a RTM license outcome. Instructors, assessors and learners are required to relate the content of this module to road traffic statutes in their State/Territory. Some States and Territories share reciprocal recognition in regards to training and licensing arrangements. Further details should be sought from Road Traffic Authorities in the learners State/Territory. Conditions must provide for the demonstration of competence in skills and associated knowledge in all learning outcomes. Assessment conditions must provide for the demonstration of both theoretical and practical skills and knowledge. Practical demonstration must be conducted under direct supervision and in a safe environment

### Conditions of assessment

Group discussion, oral presentation and practical demonstration

## 7. Learning outcome details

### Learning outcome 1

**Control traffic at roadwork sites using STOP/SLOW bats.**

### Assessment criteria

- 1.1 Define the word “traffic controller”.
- 1.2 Identify where traffic controllers are used.
- 1.3 Describe the correct items of safety apparel worn by a traffic controller and demonstrate their correct use.
- 1.4 Describe the features of the STOP/SLOW bat.
- 1.5 Discuss and demonstrate the application of road safety (traffic) regulations, relevant to the participant’s State or Territory, to use a STOP/SLOW bat.
- 1.6 Demonstrate key features in correctly controlling traffic with a STOP/SLOW bat.
- 1.7 Describe shuttle operation of traffic with two or more traffic controllers.

### Learning outcome 2

**Provide for the safety of the travelling public and workers**

**Assessment criteria**

**at roadwork sites.**

- 2.1 Outline the safety considerations in controlling traffic.
- 2.2 Calculate and explain vehicle stopping distances.
- 2.3 Identify the minimum advance warning sign arrangement.
- 2.4 Discuss and describe the bearing and attributes of a traffic controller.
- 2.5 Describe the procedures for operating in reduced visibility.
- 2.6 Identify the escape path considerations for a traffic controller.
- 2.7 Discuss and demonstrate the use of hand held two-way radios.
- 2.8 Outline the supervisor’s responsibilities where traffic is to be controlled.
- 2.9 Identify the procedures for controlling traffic at night.
- 2.1 Discuss and describe appropriate responses in emergency situations.
- 2.1 Describe procedures when motorists disobey a traffic controller.

**Learning outcome 3**

**Describe the purpose, principle and basic rules of worksite traffic management.**

**Assessment criteria**

- 3.1 Describe the purpose of worksite traffic management and the three underpinning factors.
- 3.2 Describe the principle of worksite traffic management and how it is achieved.
- 3.3 List the six basic rules of worksite traffic management.

**Learning outcome 4**      **Identify and describe the use of temporary signs and devices contained in the roadworks signing code of practice.**

- Assessment criteria**
- 4.1 Describe the basic philosophy of worksite traffic management.
  - 4.2 List and describe the purpose of the seven sign background colours.
  - 4.3 List the seven design categories and briefly state their use.
  - 4.4 List the four categories of devices and state their use.
  - 4.5 Describe the three sign sizes and where they are used.
  - 4.6 Describe not less than two mounting methods.

**Learning outcome 5**      **Explain and demonstrate sign and device spacings, setting up tapers, selection of a simple worksite traffic management scheme from the code of practice and the correct installation of signs.**

- Assessment criteria**
- 5.1 State the rule of thumb for sign spacing.
  - 5.2 State the rule of thumb for taper length to close a single lane.
  - 5.3 For a simple worksite description, identify the appropriate traffic management scheme using the selection of charts in the code of practice.
  - 5.4 Describe and demonstrate proper sign placement and the installation sequence.
  - 5.5 Describe the maintenance of sign credibility.

## 8. Delivery of the module

### Delivery strategy

There is no essential mode of delivery. This module may be delivered through full or part time, on and off-the-job. Practical components should be delivered in a manner which ensures the safety of participants

Delivery methods must provide for the demonstration of skills and associated knowledge specified in all learning outcomes, whether in a workplace or simulated workplace conditions. Delivery should take into account current legislation, regulations and by-laws and be consistent with existing industry standards including Australian and International

<p><b>Resource requirements</b></p>	<p>standards</p> <p>Road traffic statutes and traffic regulations pertinent to the participant’s State/Territory</p> <p>Educators should hold an Advanced Worksite Traffic Management Certificate or equivalent</p> <p>All work practices must comply with current State and Federal OH&amp;S requirements. All trainers and assessors have a duty of care for participants. Trainers should ensure participants are adequately protected from outdoor exposure to ultra-violet radiation</p>
<p><b>Student references</b></p>	<p><i>Field Guide for Traffic Control at Works on Roads – Part 1: Short-term urban works, daytime only, Standards Australia HB81.1 – 1996</i></p> <p><i>Field Guide for Traffic Control at Works on Roads – Part 1: Short-term urban works, night time only, Standards Australia HB81.1 – 1996</i></p> <p>Worksite Traffic Control Manual, NSW Road Traffic Authority  <i>“So you’re going to be a Traffic Controller?”</i> NSW Road Traffic Authority</p> <p>Enterprise work manuals and standing instructions</p> <p>Relevant manufactures’ equipment manual and spare parts manuals</p>
<p><b>Educator references</b></p>	<p>Australian Standard AS1742.3 – 1998</p> <p>Road Statutes pertinent to State/Territory place of delivery</p> <p><i>Worksite Traffic Management Kit to Assist Training, VicRoads</i></p>
<p><b>Occupational health and safety requirements</b></p>	<p>All resources detailed in traffic control-related, learning outcomes must comply with AS1742.3 – 1998</p> <p>Work practices must comply with current State and Federal Occupational Health and Safety requirements and practiced under the supervision of experienced and qualified personnel. Learners and educators should ensure adequate protection from the sun, and heat/cold stress</p>