

National Certificate in Roadmarking (Operator) Level Three – 102–107 Credits

Training Plan

(Full name) _____

The National Certificate in Roadmarking (Operator) is a Level 3 qualification, comprising 102–107 credits.

To be awarded the qualification trainees must complete:

- Core Compulsory Units
- Core Elective Units

Plus either:

- A-type Applicator Strand, or;
- B-type Applicator Strand

Optional strands in Raised Pavement Markers, Temporary Traffic Management on Level 2 and 3 Roads and Transport are available in addition to the above.

Please note: The ticked units can only be achieved by attending an off-job course.

Core Compulsory Units – All the units listed below are required.

Unit No.	Unit Standard Title	Level	Credit	Pre-requisites	Off Job	Comments
5627	Operate as a Traffic Controller (TC) for low volume and Level 1 roads	3	4		✓	TC Level 1
5628	Operate as a Site Traffic Management Supervisor (STMS) for low volume and Level 1 roads	5	3		✓	STMS
6400	Manage First Aid in emergency situations	3	2	6401, 6402	✓	
6401	Provide First Aid	2	1	6402	✓	
6402	Provide resuscitation Level 2	1	1		✓	
15925	Maintain quality records for roadmarking operations	3	4			
15930	Locate roadmarking sites using maps and plans	2	3			
15931	Perform routine operation checks on roadmarking plant and equipment	2	4			
15932	Perform quality assurance inspection and sampling for roadmarking	2	4			
15934	Manage safety and environmental care on roadmarking sites	4	6			
15935	Undertake routine maintenance of roadmarking plant and equipment	3	3	5627		
16605	Demonstrate knowledge and skills required for full Class 1 Driver Licence	2	2		✓	Credit for this unit standard will expire in December 2012
16718	Demonstrate knowledge of law and practice for the transport of Dangerous Goods by road	3	5		✓	
20645	Describe the requirements of the HSNO Act 1996 relevant to approved handlers	3	3	497	✓	
21424	Set out simple roadmarking work	2	2			
21426	Perform simple industry calculations for roadmarking application	2	6			
21430	Demonstrate knowledge of specifications used for simple roadmarking	3	10			
22152	Demonstrate driver responses to spillage, leakage, or loss of load when transporting goods by road	3	2		✓	

Core Elective Units – A minimum of **10 credits** at **Level 3** or **above** are required.

Tick to select

Unit No.	Unit Standard Title	Level	Credit	Pre-requisites	Off requisites	Comments Job	
497	Demonstrate knowledge of workplace health and safety requirements	1	3				
5616	Manage hazard identification and control for occupational health and safety practice	4	10				
5619	Assist in evaluating occupational health and safety standards and practice	4	15				
6575	Develop occupational safety and health recommendations for improving ergonomic conditions	4	6				
17585	Demonstrate knowledge of working safely in extremes of temperature	3	4				
17586	Demonstrate knowledge of electrical safety in the workplace	3	4				
17588	Apply for, accept, and carry out work according to a work permit in the workplace	3	4				
17589	Monitor, control and audit work permit systems	4	5	17590			
17590	Issue worksite specific work permits	3	6			Open - experience in specific disciplines required	
17591	Demonstrate knowledge of the prevention and management of OOS in the workplace	3	4				
17592	Identify the causes of back injury and methods to prevent back injuries in the workplace	3	4				
17593	Apply safe work practices in the workplace	2	4				
17594	Demonstrate knowledge of hearing conservation in the workplace	3	3				
17595	Explain health and safety management requirements for contractors working on site	4	8				
17596	Demonstrate knowledge of safety observer responsibilities in the workplace	3	8				
17599	Plan a confined space entry	4	5				
17600	Explain safe work practices for working at heights	3	3				
17601	Produce an occupational health and safety incident investigation	4	6				
17602	Apply hazard identification and risk assessment procedures in the workplace	3	4				
18408	Demonstrate knowledge of fire and emergency warden duties in the workplace	3	3				
18409	Use a forklift mounted safety platform in the workplace	3	4				
18410	Manage hazard identification and control on plant and machinery	4	4	17602			
18411	Explain organisational injury management procedures	4	6				
18412	Explain the requirements of the Hazardous Substances and New Organisms Act 1996	4	6				
18426	Demonstrate knowledge of hazards associated with confined space	3	4			497, 6402, 6401, 3058 recommended	
19340	Explain the establishment and operation of a workplace health and safety committee	4	5				
19341	Demonstrate knowledge of Hazard and Operability (HAZOP) studies in the workplace	4	6				
19521	Explain the requirements of the Health and Safety in Employment (HSE) Act 1992	4	5				
19522	Undertake job safety analysis	2	4				
20198	Identify the roles and responsibilities of the health and safety representative in the workplace	4	8				

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Core Elective Units – Continued.							Tick to select
Unit No.	Unit Standard Title	Level	Credit	Pre-requisites	Off Job	Comments	
20733	Demonstrate knowledge of safe storage and handling of hazardous substances in the workplace	3	4			497 recommended	
20866	Work safely with others in the civil infrastructure industry	3	5	20870 20873			
20867	Respond to fire incidents at a civil infrastructure worksite	3	4				
20868	Demonstrate knowledge of emergency response in the civil infrastructure industry	3	4				
20869	Demonstrate knowledge of notifiable works and permits in the civil infrastructure industry	3	2				
20870	Describe protection of health, safety and environment in the civil infrastructure industry	3	7				
20871	Supervise health and safety requirements on a civil infrastructure worksite	4	8	20866 20874			
20872	Take control of an emergency at a civil infrastructure worksite	4	6	20868			
20873	Demonstrate knowledge of health, safety, and environmental legislation at civil infrastructure sites	2	5				
20874	Demonstrate knowledge of health and fitness for civil infrastructure personnel	3	5				
20875	Demonstrate knowledge of slinging, lifting, and placing with an excavator or loader	3	5				
20876	Conduct and document civil infrastructure worksite health and safety meetings	4	2				
20877	Demonstrate knowledge of working safely at sites under temporary traffic management	2	1				
21337	Demonstrate knowledge of sleep and sleep management in relation to work performance	2	2				
25042	Prepare a workplace health and safety improvement plan using data analysis and productivity measures	3	4	20198			
25044	Wear and operate compressed air breathing apparatus in the workplace	3	4				
25046	Describe hazard identification and control, and apply risk assessment procedures under supervision in the workplace	2	2				
25048	Handle dangerous and hazardous goods in the workplace	2	3				
Total Elective Credits							

Strands are listed on the back page ...

Applicator Strands – either A-Type or B-Type Applicator Strand must be selected.

A-Type Applicator Strand – Compulsory and elective units are required.							<input type="checkbox"/> Tick to select strand
A-Type Applicator Compulsory – All the units listed below are required.							
Unit No.	Unit Standard Title	Level	Credit	Pre-requisites	Off Job	Comments	
18045	Prepare an A-type applicator for roadmarking	3	12				
18046	Repaint roadmarkings with an A-type applicator	3	15	18045			
A-Type Applicator Elective – A minimum of 1 unit listed below is required.							
Unit No.	Unit Standard Title	Level	Credit	Pre-requisites	Off Job	Comments	Tick to select
18043	Work safely using pilot vehicles for roadmarking on Level 1 roads	2	8				
18044	Work safely using pilot vehicles for roadmarking on Level 2 and 3 roads	2	5	18043			

B-Type Applicator Strand – All the units listed below are required.							<input type="checkbox"/> Tick to select strand
Unit No.	Unit Standard Title	Level	Credit	Pre-requisites	Off Job	Comments	
18048	Prepare a B-type paint applicator for roadmarking	3	12				
18049	Repaint roadmarkings with a B-type applicator	3	15	18048			

Optional Strands

Raised Pavement Markers Optional Strand – All the units listed below are required.							<input type="checkbox"/> Tick to select strand
Unit No.	Unit Standard Title	Level	Credit	Pre-requisites	Off Job	Comments	
15936	Remove raised pavement markers from roadway	2	2				
15937	Install raised pavement markers	2	4				
20455	Demonstrate basic knowledge of safety relating to bituminous materials	2	5		✓		

Temporary Traffic Management on Level 2 and 3 Roads Optional Strand – A minimum of 1 unit is required.							<input type="checkbox"/> Tick to select strand
Unit No.	Unit Standard Title	Level	Credit	Pre-requisites	Off Job	Comments	Tick to select
20879	Operate as a Site Traffic Management Supervisor - Non Practising (STMS-NP) for Level 2 and 3 roads	5	3		✓	5628 recommended, plus STMS (non-practising)	
20880	Operate as a Site Traffic Management Supervisor (STMS) for Level 2 and 3 roads	5	10		✓	STMS	

Transport Optional Strand – A minimum of 1 unit is required.							<input type="checkbox"/> Tick to select strand
Unit No.	Unit Standard Title	Level	Credit	Pre-requisites	Off Job	Comments	Tick to select
1754	Operate truck-mounted load lifting equipment	2	3		✓		
17574	Operate a rigid vehicle to meet the requirements for a full Class 2 Driver Licence	3	7		✓		
17575	Operate a combination vehicle to meet the requirements for a full Class 3 Driver Licence	3	7		✓		
17576	Operate a rigid vehicle to meet the requirements for a full Class 4 Driver Licence	3	7		✓		
17577	Operate a combination vehicle to meet the requirements for a full Class 5 Driver Licence	4	8		✓		
18496	Demonstrate knowledge and skills for driving a forklift on a road for endorsement F (forklifts) Licence	3	2		✓		