

National Certificate in Pavement Surfacing (Multiple Sites Supervision) Level Five – 163 or 202 Credits

Training Plan

(Full name) _____

The National Certificate in Pavement Surfacing (Multiple Sites Supervision) is a Level 5 qualification, comprising 163 or 202 credits.

To be awarded the qualification trainees must complete:

- Core Compulsory Units

Plus one of the following strands:

- Asphalt Strand, or;
- Chipseal Strand

An Optional Strand in STMS Level 2 and 3 Roads is 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
1502	Demonstrate knowledge of contract documents required for bitumen surfacing supervision	4	15			
5627	Operate as a Traffic Controller (TC) for low volume and Level 1 roads	3	4	Transit TC Level 1	✓	
5628	Operate as a Site Traffic Management Supervisor (STMS) for low volume and Level 1 roads	5	3	STMS Level 1 (or higher)	✓	5627 recommended
6400	Manage First Aid in emergency situations	3	2	6401	✓	
6401	Provide First Aid	2	1	6402	✓	
6402	Provide resuscitation Level 2	1	1		✓	
6434	Liaise with client, consultant, and service authority on behalf of civil construction contractor	4	12			
6443	Supervise civil construction activities on multiple sites	5	15			
6455	Supervise civil construction subcontractors	4	8			
17602	Apply hazard identification and risk assessment procedures in the workplace	3	4			
20456	Demonstrate First Aid relating to liquid bitumen and bitumen additives	2	1	20455 or 20449		
20868	Demonstrate knowledge of emergency response in the civil infrastructure industry	3	4			
20872	Take control of an emergency at a civil infrastructure worksite	4	6	20868		
20876	Conduct and document civil infrastructure worksite health and safety meetings	4	2			

Strand Options – One of the following strands is required.

Asphalt 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	
1508	Plan and organise construction activities as an asphalt paving supervisor	5	15			1510, 13521, 20447 recommended	
1509	Demonstrate knowledge of materials used in asphalt production and construction	4	10				
1510	Demonstrate knowledge of asphalt mixes and achieving construction specification requirements	4	12				
1512	Supervise asphalt paving construction activities	5	18	20455			
13521	Demonstrate knowledge of the compaction of hot mix asphalt	3	5				
17672	Demonstrate knowledge of the use of polymer modifiers in hot mix asphalt production and construction	4	5				
20447	Demonstrate knowledge of the care and operation of an asphalt paving machine	3	15				
20455	Demonstrate basic knowledge of safety relating to bituminous materials	2	5				

Chipseal 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	
1505	Demonstrate knowledge of the impact of site requirements on the chipseal design process	4	15				
1507	Demonstrate knowledge of, and supervise, construction activities as a chipseal surfacing supervisor	5	20	20450			
8021	Demonstrate knowledge of chipseal construction plant	3	5				
17670	Demonstrate knowledge of hot polymer-modified binders and their use in chipseal construction	4	5				
20449	Demonstrate knowledge of the dangers of handling bituminous materials and the need for safety	3	20				
20450	Describe safe heating, blending, modification, and transfer of bulk bituminous liquids	4	20	20449			
20453	Plan and organise construction activities as a chipseal surfacing supervisor	5	15				
20454	Demonstrate knowledge of materials used in chipseal surfacing	4	6				
20458	Describe placarding requirements and produce documentation for transporting bituminous materials	2	3				
20461	Demonstrate knowledge of bitumen gangbar sprayers and operations	4	10	20450			
20463	Determine and document bitumen blends	3	5				

Optional Strand – The following strand is optional.

STMS Level 2 & 3 Roads – A minimum of one unit listed below 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	Current NZTA STMS Level 2 or 3 qualification		5628 recommended	
20880	Operate as a Site Traffic Management Supervisor (STMS) for Level 2 and 3 roads	5	10			20879 recommended	