

National Certificate in Pavement Surfacing (Plant Operation) Level Three – 60 Credits

Training Plan

(Full name) _____

The National Certificate in Pavement Surfacing (Plant Operation) is a Level 3 qualification, comprising 60 credits.

To be awarded the qualification trainees must complete:

- Core Compulsory Units
- Core Elective Units

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
6401	Provide First Aid	2	1	6402	✓	
6402	Provide resuscitation level 2	1	1		✓	
17327	Communicate on civil construction sites	2	3			
20455	Demonstrate basic knowledge of safety relating to bituminous materials	2	5			
20456	Demonstrate First Aid relating to liquid bitumen and bitumen additives	2	1	20455 or 20449		
20867	Respond to fire incidents at a civil infrastructure worksite	3	4			
20877	Demonstrate knowledge of working safely at sites under temporary traffic management	2	1			

Core Elective Units – A minimum of 44 credits are required, of which a minimum of 34 credits must be at level 3 or above.

Core Elective Set A – A minimum of 34 credits are required from this set.

Unit No.	Unit Standard Title	Level	Credit	Pre-requisites	Off Job	Comments	Tick to select
1759	Transport aggregates by truck	3	3		✓	Driver Licence required	
5627	Operate as a Traffic Controller (TC) for low volume and Level 1 roads	3	4	Transit TC Level 1	✓		
5629	Assist with temporary traffic management site closure for Level 2 and 3 roads	2	2		✓		
6452	Maintain, transport, and store temporary roadwork signs for civil construction works	2	3				
6465	Operate a power-driven rotary broom	3	6			Driver Licence required	
8560	Deliver, stockpile, and spread aggregates with truck and trailer	3	12				
13520	Operate a truck-mounted roller-spreader on chipsealing works	3	10	20455			
13521	Demonstrate knowledge of the compaction of hot mix asphalt	3	5				
16158	Operate wheeled loader in asphalt production, pavement surfacing, or extractive industry environment	3	12				

Core Elective Set A – Continued.							Tick to select
Unit No.	Unit Standard Title	Level	Credit	Pre-requisites	Off Job	Comments	
16701	Demonstrate knowledge and skills for driving on a road for endorsement W (wheels)	3	3			Full Class 1 Driver Licence required	
16702	Demonstrate knowledge and skills for driving on a road for endorsement R (rollers)	3	3				
16703	Demonstrate knowledge and skills for driving on a road for endorsement T (tracks)	3	3				
17574	Operate a rigid vehicle to meet the requirements for a full Class 2 Driver Licence	3	7		✓	Full Class 2 Driver Licence required	
17575	Operate a combination vehicle to meet the requirements for a full Class 3 Driver Licence	3	7		✓	Full Class 3 Driver Licence required	
17576	Operate a rigid vehicle to meet the requirements for a full Class 4 Driver Licence	3	7		✓	Full Class 4 Driver Licence required	
17577	Operate a combination vehicle to meet the requirements for a full Class 5 Driver Licence	4	8		✓	Full Class 5 Driver Licence required	
17972	Demonstrate knowledge of heavy rigid vehicle dynamics and handling for safe driving	3	3		✓		
18079	Demonstrate knowledge of heavy combination vehicle dynamics and handling for safe driving	3	4		✓		
20448	Operate a self-propelled roller for asphalt surfacing	3	15	16702			
20462	Operate a self-propelled roller for chipseal surfacing	3	8	16702			
24089	Demonstrate knowledge of fatigue management, work time, and driver logbook requirements	3	5		✓		

Core Elective Set B

These unit standards are taken from the NZQA domains:

- Civil Infrastructure Health, Safety and Environment
- Core Health
- Occupational Health and Safety Practice

Only the unit standards supported by InfraTrain New Zealand as on or off-job, up to and including Level 3, are listed below. Unit standards at Levels 4, 5 and 6 are also available - refer to www.nzqa.govt.nz for further details.

Core Elective Set B – The balance of credits, if required, can be taken from the units listed below.							Tick to select
Unit No.	Unit Standard Title	Level	Credit	Pre-requisites	Off Job	Comments	
497	Demonstrate knowledge of workplace health and safety requirements	1	3				
6400	Manage First Aid in emergency situations	3	2	6401	✓		
17592	Identify the causes of back injury and methods to prevent back injuries in the workplace	3	4				
17594	Demonstrate knowledge of hearing conservation in the workplace	3	3				
18426	Demonstrate knowledge of hazards associated with confined space	3	4		✓	497, 3058, 6401, 6402 recommended	
20645	Describe the requirements of the HSNO Act 1996 relevant to approved handlers	3	3		✓	497 recommended	
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			

Continued overleaf...

Core Elective Set B – Continued.							Tick to select
Unit No.	Unit Standard Title	Level	Credit	Pre-requisites	Off Job	Comments	
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				
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 recommended	
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							