

National Certificate in Pavement Surfacing (Hot Mix Asphalt Design) Level Five - 124 Credits

Training Plan

(Full name) _____

The National Certificate in Pavement Surfacing (Hot Mix Asphalt Design) is a Level 5 qualification, comprising 124 credits.

To be awarded the qualification trainees must complete:

- Core Compulsory Units

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

Unit No.	Unit Standard Title	Level	Credit	Pre-requisites	Off Job	Comments
13514	Design hot mix asphalt using the Marshall method	5	35	20445	✓	See below
13515	Carry out acceptance testing for asphalt paving	4	10			
17672	Demonstrate knowledge of the use of polymer modifiers in hot mix asphalt production and construction	4	5		✓	See below
20445	Demonstrate knowledge of asphalt production plants	4	10			
20446	Demonstrate knowledge of asphalt mix design methods and specifications	5	20		✓	See below
20449	Demonstrate knowledge of the dangers of handling bituminous materials and the need for safety	3	20			
20456	Demonstrate First Aid relating to liquid bitumen and bitumen additives	2	1	20455 or 20449		
21665	Demonstrate knowledge of materials and mixes for hot mix asphalt designs	5	15		✓	See below
21666	Explain the properties, selection, and effects of polymer-modified binders in hot mix asphalt	5	8		✓	

Please note that for the ticked units, the theory will be delivered off-job, and the assessment completed in the workplace.