

National Certificate in Pavement Surfacing (Asphalt Production) Level Four – 136 Credits

Training Plan

(Full name)

The National Certificate in Pavement Surfacing (Asphalt Production) is a Level 4 qualification, comprising 136 credits.

To be awarded the qualification trainees must complete:

- Core Compulsory Units

An optional unit standard for operating a wheeled loader is also 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 |
|----------|--|-------|--------|----------------|---------|-----------------------------------|
| 1509 | Demonstrate knowledge of materials used in asphalt production and construction | 4 | 10 | | | |
| 6400 | Manage First Aid in emergency situations | 3 | 2 | 6401 | ✓ | |
| 6401 | Provide First Aid | 2 | 1 | 6402 | ✓ | |
| 6402 | Provide resuscitation Level 2 | 1 | 1 | | ✓ | |
| 17599 | Plan a confined space entry | 4 | 5 | | ✓ | |
| 17602 | Apply hazard identification and risk assessment procedures in the workplace | 3 | 4 | | | |
| 17672 | Demonstrate knowledge of the use of polymer modifiers in hot mix asphalt production and construction | 4 | 5 | | | |
| 18426 | Demonstrate knowledge of hazards associated with confined space | 3 | 4 | | ✓ | 497, 3058, 6401, 6402 recommended |
| 20443 | Operate bitumen storage and heating equipment at an asphalt plant | 4 | 12 | 20450 | | |
| 20444 | Operate an asphalt production plant | 4 | 25 | 20443, 20445 | | |
| 20445 | Demonstrate knowledge of asphalt production plants | 4 | 10 | | | |
| 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 | | |
| 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 | | | |
| 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 | | | |

Optional Unit Standard

Wheeled Loader Operation – The following unit standard is optional.

Tick to select

| Unit No. | Unit Standard Title | Level | Credit | Pre-requisites | Off Job | Comments |
|----------|--|-------|--------|----------------|---------|-------------------------|
| 16158 | Operate wheeled loader in asphalt production, pavement surfacing, or extractive industry environment | 3 | 12 | | | Driver Licence required |