

Main changes resulting from the review

- Unit standards in the Temporary Traffic Control domain have been reclassified in a new Temporary Traffic Management domain.
- Unit standard 5630 has been replaced by two role-specific unit standards, 20879, and 20880.
- Unit standard 17331 has been designated as expiring as its outcomes do not match any of the TTM roles recognised by CoPTTM.
- Titles of all other unit standards have been changed.
- Some changes have been made in terms of levels and credits – as noted in the summary of main changes at the end of this report.
- Changes to entry information have been made for unit standards 5627, 5627, 5629, and 5631.
- Extensive changes have been made to special notes, including additions of ranges and definitions.
- Elements and performance criteria have been revised extensively to reflect the roles and outcomes stated in the titles, to ensure consistency with CoPTTM, to improve assessability, and for consistency of style within the domain.
- Two further unit standards – as noted in the summary of main changes at the end of this report – have been developed; one of these is registered under the domain Civil Infrastructure Health, Safety, and Environment.

Unit standards categorised as category C or D expire at the end of December 2005.

Impact on existing provider accreditations

| Current Accreditation for | | | Accreditation extended to | | |
|---------------------------|--------------------------------------|-------|---------------------------|------------------------------|-------|
| Nature of accreditation | Classification or Id | Level | Nature of accreditation | Classification or Id | Level |
| Subfield | Highway Construction and Maintenance | 4 | Standard | 5631 | 5 |
| Domain | Temporary Traffic Control | Any | Domain | Temporary Traffic Management | Same |
| Domain | Temporary Traffic Control | 4 | Standard | 5631 | 5 |
| Standard | 5630 | 5 | Standards | 20879, 20880 | 5 |

Impact on Accreditation and Moderation Action Plan (AMAP)

AMAP 0101 has been updated to reflect the changes made to the standards.

Impact on existing qualifications

Qualifications that contain the reviewed standards or classifications are tabled below.

| | |
|--------------------------------|--|
| Affected | The qualification lists a reviewed classification (domain or subfield) in an elective set The qualification lists a standard that has changes to levels and credits The qualification lists a C or D category standard |
| Not materially affected | The qualification lists a standard that has a new title The qualification lists a standard that has a new classification |

The following InfraTrain NZ qualifications are affected by the outcome of this review and are currently being reviewed or revised to take account of the changes.

| Qualification title | Classification or standard in the qualification |
|--|---|
| National Certificate in Agricultural Contracting with strands in Crop Production, Land Drainage, Land Development, Hedge Trimming, Harvesting, Mowing, and Zero Tillage [Ref: 0230] | 5627, 5628 |
| National Certificate in Civil Construction Supervision with optional strands in Demolition, Drainage, Earthworks, Survey and Set Out, High Capacity Highways, Road Construction, Road Maintenance, Traffic, and Training [Ref: 0209] | 5628, 5630 |
| National Certificate in Civil Construction Works (Foreperson) with optional strands in Kerb and Channel, Concreting, High Capacity Highways, and Roothing [Ref: 0208] | 5627, 5629, 17331 |
| National Certificate in Civil Plant Operation (Forestry Earthworks) (Level 3) [Ref: 0485] | 5627 |
| National Certificate in Civil Plant Operation with strands in Skilled, and Multi-Skilled [Ref: 0774] | 5627 |
| National Certificate in Civil Works and Services (Road Opening - Trenching) with optional strands in Electricity Supply, Gas Distribution, and Water Supply [Ref: 1000] | 5627 |
| National Certificate in Demolition (Introductory Skills) (Level 2) [Ref: 1085] | 5627 |
| National Certificate in General Contracting (Training and Assessment) [Ref: 1061] | Temporary Traffic Control |
| National Certificate in Pavement Surfacing (Application) with strands in Asphalt, and Chipseal [Ref: 0465] | 5627 |
| National Certificate in Pavement Surfacing (Asphalt Paving Supervision) with optional strands in High Capacity Highways, and Polymers [Ref: 0193] | 5627-5630 |
| National Certificate in Pavement Surfacing (Bitumen Sprayer Operation) with an optional strand in High Capacity Roads [Ref: 0195] | 5627, 5629 |
| National Certificate in Pavement Surfacing (Chipseal Design) with optional strands in Emulsions, and Polymers [Ref: 0196] | 5627, 5628 |
| National Certificate in Pavement Surfacing (Chipseal Supervision) with optional strands in High Capacity Highways, Emulsions, and Polymers [Ref: 0197] | 5627-5630 |
| National Certificate in Pavement Surfacing (Hot-Mix Asphalt Design) with an optional strand in Polymers [Ref: 0467] | 5627 |
| National Certificate in Pavement Surfacing (Plant Operation) with strands in Asphalt Paving, and Chipseal [Ref: 0468] | 5627 |
| National Certificate in Road Construction [Ref: 0772] | 5627, 5629 |
| National Certificate in Roothing Maintenance [Ref: 0773] | 5627, 5629 |
| National Certificate in Roadmarking (Assistant) with optional strands in Level 2 and 3 Roads, Line Removal, and Raised Pavement Markers [Ref: 0616] | 5627, 5629 |

The following InfraTrain NZ qualifications are not materially affected by the changes. They will be updated when they are next reviewed or revised.

| Qualification title | Standard in the qualification |
|---|-------------------------------|
| National Certificate in Civil Works and Services (Road Opening - Site Coordination) [Ref: 1001] | 5628 |
| National Certificate in Demolition (Site Supervisor) (Level 4) [Ref: 1087] | 5628 |
| National Certificate in Rural Contracting (Management) with strands in Agrichemical Contracting, and Agricultural Contracting [Ref: 1003] | 5628 |

The following qualifications are also affected by the outcome of this review. The standard setting bodies (SSBs) have been advised that they require revision.

| Qualification title | Classification or standard in the qualification | SSB Name |
|--|---|--|
| National Certificate in Sports Turf Management (Level 4) [Ref: 0203] | Temporary Traffic Control | New Zealand Sports Turf Industry Training Organisation |
| National Certificate in Amenity Turf Maintenance (Level 3) [Ref: 1078] | 5627, 17331 | |
| National Certificate in Electricity Supply (Cable Jointer – Low Voltage) (Level 3) [Ref: 0869] | 5627 | Electricity Supply ITO |
| National Certificate in Electricity Supply (Condition Assessment) (Level 4) [Ref: 1101] | 5627 | |
| National Certificate in Electricity Supply (Level 2) with strands in Line Mechanic, Cable Jointer, Cable Layer, and Road Opening [Ref: 0868] | 5627 | |
| National Certificate in Electricity Supply (Overhead Cable Installer) (Level 2) [Ref: 0919] | 5627 | |
| National Certificate in Electricity Supply (Trades Assistant) (Level 2) [Ref: 0924] | 5627 | |
| National Certificate in Electricity Supply (Vegetation Control) (Level 2) [Ref: 0857] | 5627 | |
| National Certificate in Gas Industry (Gas Distribution) (Level 2) [Ref: 1020] | 5627 | |
| National Certificate in Gas Network Construction (Level 3) with strands in Polythene Pipelaying, and Steel Pipelaying [Ref: 1022] | 5629, 5628 | |
| National Certificate in Gas Network Operations (Gas Pressure Control) (Level 3) [Ref: 1021] | 5629, 5628 | |
| National Certificate in Gas Network Operations (Leakage Control) (Level 3) [Ref: 0400] | 5629 | |
| National Certificate in Petrochemical Industry (Gas Transmission) (Level 3) [Ref: 0978] | 5627, 5629 | |
| National Certificate in Water Reticulation (Service Person) with strands in Water, and Wastewater [Ref: 0962] | 5627 | Agriculture ITO |

The following qualification of another SSB is not materially affected by the changes. It will be updated when it is next reviewed or revised.

| Qualification title | Standard in the qualification | SSB Name |
|---|-------------------------------|------------------------|
| National Certificate in Electricity Supply (Line Mechanic - Distribution) (Level 4) with optional strands in Glove and Barrier, Hot Stick [Ref: 0874] | 5628 | Electricity Supply ITO |

Summary of main changes to standards' Ids, classification, titles, levels, and credits

The following summary shows the changes made to the standards as a result of the review. All changes are in **bold**.

Key to review category

- A** Dates changed, but no other changes are made - the replacement standard carries the same Id and a new version number
- B** Changes made, but the overall outcome remains the same - the replacement standard carries the same Id and a new version number
- C** Major changes that necessitate the registration of a replacement standard with a new Id
- D** Standard will expire and not be replaced

Subfield Highway Construction and Maintenance

Domain Temporary Traffic Control

Temporary Traffic Management

| Id | Title | Level | Credit | Review Category |
|--------------|--|----------|-----------|-----------------|
| 5627 | Demonstrate knowledge and skills for setting up and working safely at roadworks sites Operate as a Traffic Controller (TC) for low volume and Level 1 roads | 3 | 3 4 | B |
| 5628 | Plan and implement safe temporary traffic control at roadworks sites Operate as a Site Traffic Management Supervisor (STMS) for low volume and Level 1 roads | 5 | 3 | B |
| 5629 | Maintain safety at roadworks sites on Level 2 and 3 roads Assist with temporary traffic management site closure for Level 2 and 3 roads | 3 2 | 2 | B |
| 5630 | Plan and implement safe temporary traffic control at roadworks sites on Level 2 and 3 roads | 5 | 4 | C |
| 20879 | Operate as a Site Traffic Management Supervisor - Non Practising (STMS-NP) for Level 2 and 3 roads | 5 | 3 | |
| 20880 | Operate as a Site Traffic Management Supervisor (STMS) for Level 2 and 3 roads | 5 | 10 | |

| Id | Title | Level | Credit | Review Category |
|--------------|--|--------------|---------------|------------------------|
| 5631 | Plan and install temporary traffic signal systems at roadworks sites Plan and install portable traffic signal systems for temporary traffic management | 4 5 | 3 | B |
| 17331 | Implement traffic management plans at roadworks sites | 4 | 3 | D |
| 20878 | Assist with temporary traffic management for low volume and Level 1 roads | 2 | 1 | New |

Subfield Civil Works and Services

Domain Civil Infrastructure Health, Safety, and Environment

| Id | Title | Level | Credit | Review Category |
|--------------|--|--------------|---------------|------------------------|
| 20877 | Demonstrate knowledge of working safely at sites under temporary traffic management | 2 | 1 | New |