

Field Service Sector

Registration of skill standards and review of *Crane Operation* unit standards

| Subfield | Domain | ID |
|-----------------|-----------------|--|
| Cranes | Crane Operation | 3788, 3789, 3794, 3795, 3800, 3801, 16617, 20208, 24511, 25737, 26505, 27676, 30072, 31902-31904 |

Waihanga Ara Rau Construction and Infrastructure Workforce Development Council has completed the review of the unit standards listed above and development of new skill standards to be listed in the *Crane Operation* domain.

Date new versions published

November 2025

Planned review date

December 2030

Summary

Waihanga Ara Rau Construction and Infrastructure Workforce Development Council initiated a review of 15 unit standards concurrently with a review of the related qualifications, the New Zealand Certificate in Cranes (Level 3) with strands in Cab-Controlled Overhead Crane, Dogman, Pendant-Controlled Overhead Crane, Self-Erecting Tower Crane, and Truck Loader Crane [Ref: 3730] and New Zealand Certificate in Cranes (Level 4) with strands in Advanced Dogman, Crawler Crane, Mini Crane, Mobile Crane, Non-Slewing Articulated Crane, and Tower Crane [Ref: 3731].

A series of Technical Advisory Group (TAG) meetings were held online and in-person during 2023 and 2024 to develop the suite of skill standards to meet industry needs. The TAG consisted of industry and provider representatives with consent to assess, and representatives from industry stakeholder organisations, including the Crane Association New Zealand.

This was then followed by a period of public consultation on the proposed changes during December 2024 and January 2025.

The reviewed qualifications now show the alignment of these skill standards to the qualification graduate profile outcomes.

Main changes

- Three new skill standards were developed to recognise skills industry value.
- Unit standard 3788 was set to expire without replacement as similar content is now covered by skill standard 40845.
- Unit standard 30072 was set to expire without replacement as it is not fit for purpose and alternative standards are now available for use to meet a similar need.
- 14 unit standards were expired and replaced by 16 skill standards.

Category C and D unit standards will expire at the end of December 2027

Impact on existing organisations with consent to assess

| Current consent for | | | Consent extended to | | |
|---------------------|----------------------|-------|---------------------|----------------------|-------|
| Nature of consent | Classification or ID | Level | Nature of consent | Classification or ID | Level |
| Standard | 3789 | 3 | Standard | 40829 | 3 |
| | | | Standard | 40830 | 3 |
| Standard | 3794 | 4 | Standard | 40831 | 4 |
| Standard | 3795 | 4 | Standard | 40832 | 4 |
| Standard | 3800 | 3 | Standard | 40833 | 3 |
| Standard | 3801 | 4 | Standard | 40844 | 4 |
| Standard | 16617 | 3 | Standard | 40835 | 3 |
| Standard | 20208 | 3 | Standard | 40836 | 3 |
| Standard | 24511 | 4 | Standard | 40837 | 4 |
| Standard | 26505 | 4 | Standard | 40839 | 4 |
| Standard | 27676 | 4 | Standard | 40840 | 4 |
| Standard | 30072 | 3 | Standard | 40829 | 3 |
| | | | Standard | 40830 | 3 |
| Standard | 31902 and 31903 | 4 | Standard | 40841 | 4 |
| Standard | 31904 | 4 | Standard | 40842 | 4 |

Detailed list of standards – classification, title, level, and credits

All changes are in **bold**.

| Key to review category | |
|------------------------|---|
| A | Dates changed, but no other changes are made - the new version of the standard carries the same ID and a new version number |
| B | Changes made, but the overall outcome remains the same - the new version of the 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 |

Service Sector > Cranes > Crane Operation

| ID | Title | Level | Credit | Review Category |
|--------------|--|-------|-----------|-----------------|
| 3788 | Demonstrate knowledge of crane types, and safe practices required in the crane industry | 3 | 4 | D |
| 3789 | Sling varied regular loads and safely direct a crane during crane operations | 3 | 15 | C |
| 40829 | Carry out slinging and communicate effectively in a lifting operations context | 3 | 10 | |
| 40830 | Sling varied regular loads and direct a crane during lifting operations | 3 | 15 | |
| 3794 | Lift and place regular and irregular loads using a tower crane | 4 | 15 | C |
| 40831 | Configure and operate a tower crane to lift and place regular and irregular loads | 4 | 15 | |
| 3795 | Configure and position a mobile crane, and lift and place regular and irregular loads | 4 | 25 | C |
| 40832 | Configure and operate a mobile crane to lift and place regular and irregular loads | 4 | 25 | |
| 3800 | Use a radio remote or pendant controlled gantry crane to lift and place regular loads | 3 | 10 | C |
| 40833 | Operate a pendant- controlled or remote- controlled overhead crane to lift and place regular loads safely | 3 | 15 | |

| ID | Title | Level | Credit | Review Category |
|--------------------------------|--|--------------------|----------------------|-----------------|
| 3801 40834 | Prepare and sling complex loads for crane operations Calculate and sling irregular loads for lifting operations | 4 4 | 25 25 | C |
| 16617 40835 | Use a truck loader crane to lift and place regular loads Operate a truck loader crane to lift and place regular loads | 3 3 | 15 20 | C |
| 20208 40836 | Use a self-erecting tower crane to lift and place regular loads Operate a self-erecting tower crane to lift and place regular loads safely | 3 3 | 10 15 | C |
| 24511 40837 | Configure a non-slewing articulated crane, and lift and place regular and irregular loads Configure and operate a non-slewing articulated crane to lift and place regular and irregular loads | 4 4 | 15 15 | C |
| 25737 40838 | Prepare to use, and hook up, a crane with a crane-lifted work platform Hook up a crane with a crane-lifted work platform | 5 4 | 4 5 | C |
| 26505 40839 | Configure and use a mini-crawler crane with outriggers to lift and place regular and irregular loads Configure and operate a mini crawler crane to lift and place regular and irregular loads | 4 4 | 20 20 | C |
| 27676 40840 | Configure a lattice boom track crawler crane to lift and place regular and irregular loads Configure and operate a track crawler crane with lattice boom to lift and place regular and irregular loads | 4 4 | 25 25 | C |
| 30072 | Demonstrate and apply knowledge of slinging regular loads safely | 3 | 14 | D |
| 31902 31903 40841 | Demonstrate knowledge of health and safety management requirements for workers on a crane's site Lead a team during crane operations Communicate effectively to lead a team during lifting operations | 4 4 4 | 5 10 15 | C |
| 31904 40842 | Plan and document lifts of regular and irregular loads using multiple cranes Plan lifts for regular and irregular loads | 4 4 | 20 25 | C |
| 40843 | Determine health and safety requirements for lifting operations | 3 | 15 | NEW |
| 40844 | Explore roles and career pathways in the crane industry | 2 | 3 | NEW |
| 40845 | Maintain standards of work in the crane industry | 2 | 4 | NEW |