

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

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

Waihangā 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**

Waihangā 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	
<b>A</b>	Dates changed, but no other changes are made - the new version of the standard carries the same ID and a new version number
<b>B</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
<b>C</b>	Major changes that necessitate the registration of a replacement standard with a new ID
<b>D</b>	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
<b>40829</b>	<b>Carry out slinging and communicate effectively in a lifting operations context</b>	<b>3</b>	<b>10</b>	
<b>40830</b>	<b>Sling varied regular loads and direct a crane during lifting operations</b>	<b>3</b>	<b>15</b>	
3794	Lift and place regular and irregular loads using a tower crane	4	15	C
<b>40831</b>	<b>Configure and operate a tower crane to lift and place regular and irregular loads</b>	<b>4</b>	<b>15</b>	
3795	Configure and position a mobile crane, and lift and place regular and irregular loads	4	25	C
<b>40832</b>	<b>Configure and operate a mobile crane to lift and place regular and irregular loads</b>	<b>4</b>	<b>25</b>	
3800	Use a radio remote or pendant controlled gantry crane to lift and place regular loads	3	10	C
<b>40833</b>	<b>Operate a pendant- controlled or remote- controlled overhead crane to lift and place regular loads safely</b>	<b>3</b>	<b>15</b>	

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