#### Field Service Sector

## Review of Crane Operation unit standards

Subfield	Domain	ID
Cranes	Crane Operation	3794, 3795, 3801, 24511, 26505,
		27676, 30072

The Skills Organisation has completed the review of the unit standards listed above.

Date new versions published

September 2019

Planned review date

December 2024

## **Summary**

The Skills Organisation and the cranes sector stakeholders held five meetings to discuss the graduate outcomes and conditions that had to be met for the 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]. The unit standards were reviewed to meet the safety standards and recently updated industry approved code of practice for the cranes sector.

## Main changes

- Standard 30072 had changes made to the Guidance Information to state that a minimum of two slinging examples were to be observed by the assessor.
- Outcome 3 of standard 30072 was updated to make it a theory outcome and the performance criteria and range statements were also amended to reflect this intent.
- The level 4 standards in this review have a new Guidance Information added which recommended that the new standard, 31904, *Plan and document lifts of regular and irregular loads using multiple cranes* should be completed prior to working with the strand specific unit standard.
- Unit standards 26505 and 27676 have had title changes.
- Credit for unit standard 26505 increased from 15 to 20 and the level was corrected from 3 to 4.
- The unit standards that have the outcome 'configure and use' a crane have had a performance criterion added which is about the completion of a lift plan.
- Two new unit standards, 31902 and 31903, were developed to support the qualification Graduate Outcome 1 on the health and safety of workers and organisational compliance with HSWA.
- A new unit standard, 31904, on planning and documenting regular and irregular loads using multiple cranes was developed for the Level 4 qualification.

# The last date for assessment of superseded versions of Category B unit standards is December 2021

# Impact on existing organisations with consent to assess

<b>Current conser</b>	urrent consent for Consent extended to				
Nature of consent	Classification or ID	Level	Nature of consent	Classification or ID	Level
Domain	Crane Operation	3		26505, 31902, 31903, 31904	4

# Detailed list of unit standards - classification, title, level, and credits

All changes are in **bold**.

Kev to	review	category
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- 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
- 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
3794	Lift and place regular and irregular loads using a tower crane	4	15	В
3795	Configure and position a mobile crane, and lift and place regular and irregular loads	4	25	В
3801	Prepare and sling complex loads for crane operations	4	25	В
24511	Configure a non-slewing articulated crane, and lift and place regular and irregular loads	4	15	В
26505	Use a mini-crawler crane with outriggers to lift and place regular loads	3	15	В
	Configure and use a mini-crawler crane with outriggers to lift and place regular and irregular loads	4	20	
27676	Configure a lattice boom track crawler crane, and lift and place regular and irregular loads  Configure a lattice boom track crawler crane to lift and place regular and irregular loads	4	25	В
30072	Demonstrate and apply knowledge of slinging regular loads safely	3	14	В
31902	Demonstrate knowledge of health and safety management requirements for workers on a crane's site	4	5	New
31903	Lead a team during crane operations	4	10	New
31904	Plan and document lifts of regular and irregular loads using multiple cranes	4	20	New