

## Field      Service Sector

### Review, Revision and Rollover of *Cranes* qualifications and unit standards

#### Qualifications

Qualification Titles	Reference
National Diploma in Cranes (Level 5) with strands in Mobile and Tower	1163
National Diploma in Cranes (Management) (Level 6)	1164

#### Unit Standards

Subfield	Domain	ID
Cranes	Crane Operation	<b>3789</b> , 3797, 3798
	Crane Maintenance and Servicing	<b>3802</b> , 3805, 3806, 3809-3811, 3813-3817
	Crane Inspection	3819-3822

Opportunity – The Training Organisation has completed the review of the qualifications and unit standards listed above. Those standards in **bold** have only undergone Revision and Rollover.

**Date new versions published**

**October 2010**

**Planned review date**

**December 2015**

#### Summary

The review was carried out to determine if the qualifications were fit for purpose as there had been no uptake since their registration in 2005.

All industry sectors who were potential users of the qualifications were informally consulted within 2009/10, and asked for their feedback on the structure and content of the qualifications, and their place in the qualifications pathway.

Feedback indicated that these qualifications were not required by industry and recent consultation with industry leaders indicated that there was no need to continue to have these available. A number of unit standards were also identified as no longer being required by the crane industry and had not been used.

Unit standard 3789 was revised and rolled over as a result of feedback from industry. There was an identified need to 'strengthen' the unit standard because of the possibility of incidents or accidents. This unit standard is now included in the *Code of Practice for Cranes* (Part 4) whereby people are required to hold this and other unit standards when working with or around cranes. Although the *Code of Practice for Cranes* is not mandatory, it may be used in a court of law.

Unit standard 3802 was revised and rolled over as it was approaching its expiry date. Although it has had limited use to date, the crane industry has confirmed an ongoing need for this unit standard due to the recent increased demand in the use of overhead cranes.

A new unit standard on the use of mini crawler cranes was written to meet industry demand. Mini crawler cranes are used increasingly in fit-out of commercial buildings where items to be lifted are too heavy for persons, and there is restricted space so larger cranes cannot be used.

## **Category D unit standards and qualifications will expire at the end of December 2011**

### **Main changes**

- The qualifications will be expired and not replaced.

#### *For the unit standards:*

- The Power Crane Association of New Zealand is now referred to as the Crane Association of New Zealand and this has been corrected in explanatory notes.
- The *PCA Crane Safety Manual* is now referred to as the *Crane Safety Manual* and this has been corrected in explanatory notes.
- Unit standard 3789 has a new evidence requirement 2.7 added as this is a critical area of knowledge required by all crane operators.
- Unit standard 3802 was revised and rolled over.
- New unit standard 26505 was written to cover the preparation and use of mini crawler cranes.
- Unit standards 3797, 3798, 3802, 3805, 3806, 3808-3811, 3813-3817, 3819-3822 were designated expiring.

### **National Diploma in Cranes (Level 5) with strands in Mobile and Tower [Ref: 1163]**

Review category	D	See <a href="#">Key to Qualification Review Categories</a> at the end of report
-----------------	---	---

### **National Diploma in Cranes (Management) (Level 6) [Ref: 1164]**

Review category	D	See <a href="#">Key to Qualification Review Categories</a> at the end of report
-----------------	---	---

### **Transition**

The last date for assessments to take place for the expiring qualifications is December 2011.

Any learner who feels they have been disadvantaged by this review may contact:

Opportunity – The Training Organisation  
PO Box 30074  
Lower Hutt 5040

Telephone 04 569 9799  
Email [info@cranes.org.nz](mailto:info@cranes.org.nz)

## Key to Qualification Review Categories

<b>Category A</b> The qualification is published as a new version with the same NQF ID	Changes are made to SSB name, contact details or purpose statement
	No change is made to title, rules or components of the qualification
	No transition arrangements are required
<b>Category B</b> The qualification is published as a new version with the same NQF ID	Changes are made to title, rules or components
	The new version of the qualification recognises a similar skill set to that recognised by the previous version
	The SSB is confident that people awarded the new or previous version are comparable in terms of competence
	Transition arrangements are required if candidates must gain additional/different credits for the new version
<b>Category C</b> A new (replacement) qualification is published with new NQF ID	Significant changes are made to the qualification in terms of components, structure, type or level
	The SSB views people with the replacement qualification as being significantly different in terms of competence from those with the replaced qualification
	Transition arrangements are required
	Transition may be limited to phase-out dates
<b>Category D</b> Qualification will expire. There is no replacement qualification	Qualification is no longer required by industry
	The qualification is designated as expiring and a last date for meeting the qualification requirements is set

## Impact on registered qualifications

Qualifications that contain the reviewed standards are tabled below.

Key to type of impact	
<b>Affected</b>	The qualification lists a reviewed classification (domain or subfield) in an elective set The qualification lists a standard that has changes to level or credits The qualification lists a C or D category standard
<b>Not materially affected</b>	The qualification lists a standard that has a new title The qualification lists a standard that has a new classification

The OTTO qualifications affected by the outcome of this review have also been designated expiring. There has been no uptake and they are no longer required by industry.

The following InfraTrain qualification is affected by the outcome of this review. The SSB has been advised that the qualification requires revision.

Ref	Qualification Title	ID
1086	National Certificate in Demolition (Equipment Operator) (Level 3) with optional strands in Crane, and Winch	3798

## Detailed list of unit standards

All changes are in **bold**.

Service Sector > Cranes > Crane Operation

ID	Title	Level	Credit	Review Category
3789	Sling regular loads and communicate during crane operations	3	22	Revision & Rollover
3797	Dragline and/or dredge and/or clamshell using a mobile crane	4	5	D
3798	Carry out demolition activities using a mobile crane with demolition equipment	4	5	D

<b>ID</b>	<b>Title</b>	<b>Level</b>	<b>Credit</b>	<b>Review Category</b>
<b>26505</b>	<b>Use a mini-crawler crane to lift and place loads</b>	<b>3</b>	<b>15</b>	<b>New</b>

## Service Sector &gt; Cranes &gt; Crane Maintenance and Servicing

<b>ID</b>	<b>Title</b>	<b>Level</b>	<b>Credit</b>	<b>Review Category</b>
3802	Carry out periodic maintenance checks and servicing for overhead cranes	3	15	Revision & Rollover
3805	Carry out periodic maintenance checks and servicing for wharf container cranes	3	15	D
3806	Plan and implement a maintenance schedule for overhead cranes	5	5	D
3808	Plan and implement a maintenance schedule for mobile cranes	5	5	D
3809	Plan and implement a maintenance schedule for wharf container cranes	5	5	D
3810	Diagnose and rectify mechanical faults in overhead cranes	4	15	D
3811	Diagnose and rectify mechanical faults in tower cranes	5	15	D
3813	Diagnose and rectify mechanical faults in wharf container cranes	5	15	D
3814	Diagnose and rectify electrical and/or electronic faults in overhead cranes	5	15	D
3815	Diagnose and rectify electrical and/or electronic faults in tower cranes	5	15	D
3816	Diagnose and rectify electrical and/or electronic faults in mobile cranes	5	15	D
3817	Diagnose and rectify electrical and/or electronic faults in wharf container cranes	6	20	D

## Service Sector &gt; Cranes &gt; Crane Inspection

<b>ID</b>	<b>Title</b>	<b>Level</b>	<b>Credit</b>	<b>Review Category</b>
3819	Inspect and report condition of overhead crane	6	20	D
3820	Inspect and report condition of tower crane	6	20	D
3821	Inspect and report condition of mobile crane	6	20	D
3822	Inspect and report condition of wharf container crane	6	20	D