

Field Engineering and Technology**Review of *Mechanical Engineering Inspection* unit standards**

Subfield	Domain	ID
Mechanical Engineering	Mechanical Engineering Inspection	13442, 13443, 13445, 13446 15125-15129

Competenz has completed the review of the unit standards listed above.

Date new versions published

September 2016

Planned review date

December 2021

Summary

The unit standards were reviewed to align with the recently registered New Zealand Certificates in Mechanical Engineering and to meet Competenz's ongoing unit standard review schedule.

The review was carried out in consultation with the mechanical industry technical experts and some new unit standards were developed. Unit standards that have had very low usage have been set to expire.

The changes were endorsed by industry technical groups.

Main changes

- Changes were made to outcome statements, evidence requirements, and range statements to clarify assessment requirements, ensure alignment with current industry requirements, and to correct grammatical errors.
- Explanatory notes and evidence requirements were updated and practical standards were updated to use an overarching standardised reference to the term workplace procedures to replace operating procedures, company procedures, and enterprise procedures.
- Four low-use unit standards have been designated expiring with no replacements.

The last date for assessment of superseded versions of the review category B standards is 31 December 2018. Results will not be accepted where the assessment date is after the last date for assessment of the superseded version of the standard.

Category D unit standards will expire at the end of December 2016

Detailed list of unit 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

Engineering and Technology > Mechanical Engineering > Mechanical Engineering
Inspection

ID	Title	Level	Credit	Review Category
13442	Inspect pressure equipment for compliance with contract	6	30	D
13443	Inspect welded product for compliance with contract	6	25	D
13445	Inspect lift for compliance with contract	6	20	D
13446	Inspect passenger ropeway for compliance with contract	6	20	D
15125	Inspect parts using eddy current inspection	3	10	B
15126	Inspect parts using magnetic particle inspection	3	10	B
15127	Inspect parts using liquid penetrant inspection	3	10	B
15128	Inspect parts using radiographic inspection	3	10	B
15129	Inspect welded product using ultrasonic inspection	4	15	B