

**Field**      **Engineering and Technology**

**Review of *Infrastructure Asset Management* unit standards**

<b>Subfield</b>	<b>Domain</b>	<b>ID</b>
Infrastructure Civil Engineering	Infrastructure Asset Management	11429, 17291, 17305, 17308, 18925, 23589-23592, 26155, 26156, 29486, 29544, 29545

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

**Date new versions published**

**October 2020**

**Planned review date**

**December 2025**

**Summary**

These unit standards were reviewed as part of the qualification review for the New Zealand Diploma in Infrastructure Asset Management (Level 6) [Ref: 3180], which occurred from February – July 2020. Online consultation occurred in April. Feedback informed the changes to the unit standards which were endorsed by stakeholders.

**Main changes**

- Guidance information was updated in all standards to ensure currency with industry knowledge and practice.
- The titles for four unit standards were altered to better align with the outcomes.
- Ranges were added to some performance criteria to clarify the extent of evidence required.
- Three unit standards were designated expiring without replacement due to low usage.

**Category D unit standards will expire at the end of December 2022**

**The last date for assessment of superseded versions of Category B unit standards is December 2022**

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

All changes are in **bold**.

<b>Key to review category</b>	
<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

Engineering and Technology > Infrastructure Civil Engineering > Infrastructure Asset Management

<b>ID</b>	<b>Title</b>	<b>Level</b>	<b>Credit</b>	<b>Review Category</b>
11429	Contribute to infrastructure asset management planning <b>Contribute to infrastructure asset management planning and implementation</b>	6	30	B

ID	Title	Level	Credit	Review Category
17291	Report civil engineering infrastructure asset condition and attribute data <b>Report infrastructure asset condition and attribute data</b>	3	8	B
17305	Use optimised decision-making process for infrastructure asset management <b>Apply an optimised decision-making process for infrastructure asset management</b>	6	15	B
17308	Conduct risk management in an infrastructure asset management context	6	15	B
18925	Demonstrate knowledge of conditions of contract and tendering in procurement	6	15	D
23589	Explain process, and develop and measure levels of service, for infrastructure assets	5	10	B
23590	Demonstrate knowledge of infrastructure asset information management	6	10	B
23591	Demonstrate knowledge of financial and economic analysis for infrastructure asset management	6	15	B
23592	Undertake demand management analysis for infrastructure assets	5	10	B
26155	Form and manage a contract for an infrastructure asset	6	8	D
26156	Manage tendering for an infrastructure asset	6	2	D
29486	Demonstrate knowledge and understanding of laws and standards applicable to infrastructure asset management <b>Explain the application of laws and standards to infrastructure asset management and methods used in contracts</b>	4	5	B
29544	Apply professional body rules and ethics as an infrastructure asset management practitioner	5	6	B
29545	Work professionally as an infrastructure asset management practitioner	6	6	B