

Field Engineering and Technology

Review and expiry of *Civil Works and Services* and *Infrastructure Works* unit standards

Subfield	Domain	ID
Civil Works and Services	Civil Infrastructure Health, Safety, and Environment	20867, 20873
Infrastructure Works	Civil Plant Operation	26170
	Generic Infrastructure Works	6450, 23283, 23288, 23289, 26790, 26792, 27502, 27907
	Generic Road Works	6485
	Infrastructure Works Equipment	20626
	Infrastructure Works Health, Safety, and Environment	20874
	Infrastructure Works Management	6430, 6437, 6441
	Infrastructure Works Supervision	6455, 26793-26797

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

Date new versions published

January 2019

Summary

The unit standards were identified as overdue for review. Usage checks showed that most of the standards had received little or no use in the last 3 years and are not included in any current Connexis programmes or required for future use. A list of standards was circulated among relevant industry stakeholders in October 2018, and any standards identified as no longer needed were reviewed with the intention to expire them from the Directory of Assessment Standards.

Main changes

- All standards were designated expiring and reissued as new versions with an expiry date included.
- References in guidance information and within individual standards were updated.
- Standard setting body information and contact details were updated.

Category D unit standards will expire at the end of December 2020

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

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 > Civil Works and Services > Civil Infrastructure Health, Safety, and Environment

ID	Title	Level	Credit	Review Category
20867	Respond to fire incidents at a civil infrastructure worksite	3	4	D
20873	Demonstrate knowledge of health, safety, and environmental legislation at civil infrastructure sites	2	5	D

Engineering and Technology > Infrastructure Works > Civil Plant Operation

ID	Title	Level	Credit	Review Category
26170	Operate a heavy vehicle for bulk earthmoving	3	20	D

Engineering and Technology > Infrastructure Works > Generic Infrastructure Works

ID	Title	Level	Credit	Review Category
6450	Apply plans and specifications to calculate quantities for infrastructure works projects	5	4	D
23283	Excavate, backfill and compact, and prepare for surface reinstatement for infrastructure works	3	10	D
23288	Explain single point groundwater control for an infrastructure works excavation	3	2	D
23289	Describe and operate pump systems for dewatering in infrastructure works	3	6	D
26790	Demonstrate knowledge of infrastructure works audits	5	5	D
26792	Interpret infrastructure works field tests results	5	3	D
27502	Place and remove protection and support systems for excavation on an infrastructure works site	3	10	D
27907	Identify and inspect road safety barrier systems on Infrastructure Works sites	4	10	D

Engineering and Technology > Infrastructure Works > Generic Road Works

ID	Title	Level	Credit	Review Category
6485	Install hand rail or sight rail for road	2	4	D

Engineering and Technology > Infrastructure Works > Infrastructure Works Equipment

ID	Title	Level	Credit	Review Category
20626	Operate a hydraulic face shovel for bulk earthmoving	3	15	D

Engineering and Technology > Infrastructure Works > Infrastructure Works Health, Safety, and Environment

ID	Title	Level	Credit	Review Category
20874	Demonstrate knowledge of health and fitness for infrastructure works personnel	3	7	D

Engineering and Technology > Infrastructure Works > Infrastructure Works Management

ID	Title	Level	Credit	Review Category
6430	Demonstrate knowledge of conditions of contract for infrastructure civil works projects	5	10	D
6437	Manage the hire of infrastructure works plant and equipment	5	8	D

ID	Title	Level	Credit	Review Category
6441	Cost and recommend plant, vehicle, or equipment options for infrastructure works	5	15	D

Engineering and Technology > Infrastructure Works > Infrastructure Works Supervision

ID	Title	Level	Credit	Review Category
6455	Supervise subcontractors on an infrastructure works site	4	8	D
26793	Determine and coordinate notifiable work and permit requirements for infrastructure works	5	5	D
26794	Assess, implement, and monitor infrastructure works subcontracts	5	8	D
26795	Determine, implement, and monitor quality assurance requirements for an infrastructure works project	5	8	D
26796	Prepare and process infrastructure works project documentation	5	8	D
26797	Plan and supervise drainage for infrastructure works	5	10	D