

Field ENGINEERING AND TECHNOLOGY

Review of *Infrastructure Works Utilities* unit standards

Subfield	Domain	ID
Infrastructure Works	Infrastructure Works Utilities	20480, 20485, 25396

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

Date new versions published November 2018

Planned review date December 2023

Summary

These unit standards were reviewed as part of a comprehensive review of qualifications, programmes, and unit standards relating to the civil sector of the infrastructure industry. The standards were reviewed in groups according to the programmes for which they are intended.

The review took place between March 2017 and July 2018 and involved Working Groups from the Pipelines and Trenchless Technologies sectors of the industry. Working Group meetings were held in June, September, and October 2017, February 2018, and August 2018, and drafts were circulated among the working group and a wider industry consultation group in August 2018.

Main changes

- Standard 20485 was increased by 5 credits to align with the credit values of other unit standards covering skills and knowledge in horizontal directional drilling plant operation.
- Standard 20480 was designated expiring.
- Six new standards were developed to cover the required skills for trenchless pipe installation and rehabilitation at Level 4.

The Category D unit standard will expire at the end of December 2021

The last date for assessment of superseded versions of Category B unit standards is December 2021

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

All changes are in **bold**. The details of recommended alternative unit standards are in *italics*.

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ID	Title	Level	Credit	Review Category
20480	Prepare for horizontal directional drilling operations and disestablish the site afterwards	4	6	D
31573	<i>Set up site and equipment for trenchless pipe installation or rehabilitation and disestablish the site afterwards</i>	4	10	New
20485	Provide tracking for horizontal directional drilling	4	15 20	B
25396	Demonstrate knowledge of damage avoidance, consequences of damage, and damage response for trenchless installations	4	4	B
31570	Plan trenchless pipe installation or rehabilitation	4	20	New
31571	Manage pipe handling, preparation, and assembly for trenchless installation	4	20	New

ID	Title	Level	Credit	Review Category
31572	Demonstrate knowledge of the effects of soil types and ground conditions on trenchless operations	4	6	New
31574	Install pipes using trenchless methodology	4	20	New
31575	Rehabilitate pipes using trenchless methodology	4	20	New