

Field Engineering and Technology**Review of Telecommunications unit standards**

Subfield	Domain	ID
Telecommunications	Telecommunications - Service Delivery	18705-18714, 20176, 20177, 27967-27978, 28860-28880, 28883, 28884, 28897

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

Date new versions published

May 2020

Summary

Connexis Infrastructure ITO consulted with representatives from the Telecommunications Service Delivery industry and stakeholders to complete a review of the unit standards listed above.

Consultation was carried out in January 2020 and providers with consent to assess had the opportunity to give feedback via email. Due to the low usage, the decision was made to expire these standards.

Main changes

- All standards were designated expiring without replacement.

These Category D unit standards will expire at the end of December 2021

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 > Telecommunications > Telecommunications - Service Delivery

ID	Title	Level	Credit	Review Category
18705	Install and maintain telecommunications building and data cabling systems	4	25	D
18706	Demonstrate knowledge of telecommunications building and data cabling systems	4	12	D
18707	Evaluate and prepare existing sites for minor installations of telecommunications equipment	3	6	D
18709	Install and maintain telecommunications bearer or switching systems	4	25	D
18710	Install and maintain telecommunications radio frequency systems	4	25	D
18711	Install and maintain telecommunications customer premises systems	4	25	D
18712	Demonstrate knowledge of telecommunications cable systems	4	20	D
18713	Demonstrate knowledge of telecommunications bearer and switching systems	4	20	D

ID	Title	Level	Credit	Review Category
18714	Demonstrate knowledge of telecommunications radio frequency systems	4	20	D
20176	Demonstrate knowledge and skills for telecommunications customer access network cablers	2	2	D
20177	Demonstrate knowledge for telecommunications premises network cablers	2	2	D
27967	Demonstrate knowledge of telecommunications access networks technologies	3	15	D
27968	Demonstrate knowledge of telecommunications access networks service provisioning and restoration practices	3	15	D
27969	Provision, commission, restore and diagnose telecommunications access networks	3	40	D
27970	Demonstrate knowledge of telecommunications core networks theory	3	15	D
27971	Demonstrate knowledge of telecommunications core network systems and services	3	15	D
27972	Provision, commission, diagnose and restore telecommunications core network technology and services	3	40	D
27973	Demonstrate basic knowledge of telecommunications radio technologies	3	15	D
27974	Demonstrate knowledge of telecommunications radio systems and service	3	15	D
27975	Perform installation and maintenance of telecommunications radio systems and services	3	40	D
27976	Transmit, receive, and distribute defence communications to international standards	3	25	D
27977	Operate defence communication networks and implement communications plans	3	20	D
27978	Maintain protocols and procedures including distress monitoring in a defence telecommunications environment	3	25	D
28860	Prepare for the installation of complex and non-standard telecommunications access network systems and services	4	10	D
28861	Install and commission complex and non-standard telecommunications access network systems	4	20	D
28862	Maintain, locate faults in, and verify performance of complex and non-standard telecommunications access network systems	4	15	D
28863	Demonstrate knowledge of complex or non-standard telecommunications access network technologies and architectures	4	10	D
28864	Demonstrate knowledge of management and support services for complex or non-standard telecommunications access networks	4	10	D
28865	Demonstrate knowledge of diagnostics and fault finding of complex or non-standard telecommunications access networks	4	5	D
28866	Prepare for the installation of complex and non-standard telecommunications core network systems and services	4	10	D
28867	Install and commission complex and non-standard telecommunications core network services	4	20	D

ID	Title	Level	Credit	Review Category
28868	Maintain, locate faults in, and verify performance of complex and non-standard telecommunications core network systems	4	15	D
28869	Demonstrate knowledge of complex or non-standard telecommunications core networks technologies and architectures	4	10	D
28870	Demonstrate knowledge of complex or non-standard telecommunications core network management and support services	4	10	D
28871	Demonstrate advanced knowledge of common power and engineering services for complex or non-standard core networks	4	12	D
28872	Demonstrate knowledge of diagnostics and fault finding of complex or non-standard telecommunications core networks	4	5	D
28873	Prepare for the installation of complex and non-standard telecommunications radio or cellular systems and services	4	10	D
28874	Install and commission complex and non-standard telecommunications radio or cellular systems and services	4	20	D
28875	Maintain, locate faults in and verify performance of complex and non-standard telecommunications radio or cell systems	4	15	D
28876	Demonstrate knowledge of complex or non-standard telecommunications radio network technologies and architectures	4	10	D
28877	Demonstrate knowledge of complex or non-standard telecommunications radio network management and support services	4	12	D
28878	Demonstrate knowledge of safety considerations when installing complex or non-standard radio frequency equipment	4	10	D
28879	Demonstrate knowledge of diagnostics and fault finding of complex or non-standard telecommunications radio networks	4	5	D
28880	Demonstrate knowledge of telecommunications business systems	4	10	D
28883	Enhance own professional and technical knowledge and identify emerging or converging telecommunications technologies	4	6	D
28884	Demonstrate knowledge of regulations, standards, and protocols relevant to the telecommunications industry	4	7	D
28897	Demonstrate advanced knowledge of common power and engineering services for complex or non-standard access networks	4	12	D