Field Engineering and Technology

Review of *Drilling Industry* unit standards

Subfield	Domain	ID
Drilling Industry	Drilling - General	22460-22463, 22465, 22467,
		22470, 22472, 22475, 22476,
		22479-22486, 22491, 22493-22495,
		23178, 23212, 28311, 28313,
		28315, 28319, 28329
	Drilling - Hydrocarbon	23192
	Drilling - Non-hydrocarbon	22477

MITO New Zealand Incorporated has completed the review of the coversheet unit standards listed above.

Date new versions published

December 2020

Planned review date

December 2025

Summary

MITO reviewed coversheet unit standards in the Drilling Industry sectors as part of their five-year cyclical review.

The standards were circulated to organisations with consent to assess and a consultation period was held on the MITO website. Feedback received was actioned where appropriate.

Main changes

- References and legislation were updated.
- The Australian units of competency were updated to align with the current template.
- The Australian Qualifications Framework Developer and Memorandum of Understanding (MOU) holder with MITO was updated to PwC's Skills for Australia (the Australian Skills Service Organisation for the Mining, Drilling and Civil Infrastructure industry sector).
- Purpose statements were updated to reflect changes made to the related Australian unit of competency- Competency Code for unit standards 22465, 22483, 22484, 23178, 28313, and 28315 was changed and additional outcome added in 22477.
- Coversheet standards were shifted from CMR 0114 to 0014.

The last date for assessment of superseded versions of Category B unit standards is December 2023

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

Ke	Key to review category				
Α	Dates changed, but no other changes are made - the new version of the standard carries the				
	same ID and a new version number				
В	Changes made, but the overall outcome remains the same - the new version of the standard				
	carries the same ID and a new version number				
С	Major changes that necessitate the registration of a replacement standard with a new ID				
D	Standard will expire and not be replaced				

ID	Title	Level	Credit	Review Category
22460	Load, secure, and unload drilling equipment and	3	4	В
	materials			
22461	Set up and pack up a drill site	3	3	В
22462	Support drilling process	3	4	В
22463	Assist with air drilling	3	4	В
22465	Assist large diameter auger drilling	3	4	В
22467	Assist diamond core drilling	3	4	В
22470	Assist mud rotary drilling	3	4	В
22472	Assist cable tool drilling	3	4	В
22475	Set up and prepare for drilling operations	4	10	В
22476	Run on-site operations in a drilling environment	4	20	В
22479	Construct monitoring bores (instrumentation)	4	20	В
22480	Construct and complete single aquifer production bores	4	20	В
22481	Construct multiple aquifer production bores	4	20	В
22482	Conduct air drilling	4	20	В
22483	Conduct continuous flight auger drilling	4	20	В
22484	Conduct large diameter auger drilling	4	20	В
22485	Conduct conventional core drilling	4	20	В
22486	Conduct wireline core drilling	4	20	В
22491	Conduct mud rotary drilling	4	20	В
22493	Conduct cable tool drilling	4	20	В
22494	Conduct down-hole hammer drilling	4	20	В
22495	Conduct top-hole hammer drilling	4	20	В
23178	Prepare and operate drilling fluid systems	3	5	В
23212	Handle and store cargo in a drilling environment	3	5	В
28311	Assist in maintaining rig safety and emergency	3	5	В
	procedures in a drilling environment			
28313	Identify and minimise environmental hazards in a	3	5	В
	drilling environment			
28315	Respond to local emergencies and incidents in a drilling	4	5	В
	environment			
28319	Carry out grouting or cementing operations in a drilling environment	4	10	В
28329	Assist grouting or cementing operations in a drilling environment	3	4	В

Engineering and Technology > Drilling Industry > Drilling - General

Engineering and Technology > Drilling Industry > Drilling - Hydrocarbon

ID	Title	Level	Credit	Review Category
23192	Carry out well control and blowout prevention in a hydrocarbon drilling environment	5	10	В

Engineering and Technology > Drilling Industry > Drilling - Non-hydrocarbon

ID	Title	Level	Credit	Review Category
22477	Carry out drilling industry operational maintenance in a non-hydrocarbon drilling environment	3	15	В