

Field Engineering and Technology**Change to expiry date of *Water Industry* unit standards**

Subfield	Domain	ID
Water Industry	Drinking Water	18438, 18448, 18452-18455, 18457, 18460
	Drinking-Water Assessment	18439, 18442-18445, 18447
	Water Treatment	19350-19353

The Agriculture ITO has extended the expiry date of the unit standards listed above.

Date new versions published

December 2010

Summary

The expiry date of the unit standards was extended to December 2012 to avoid disadvantaging candidates who had completed the majority of versions 1 or 2 of the National Diploma in Drinking-Water (Level 5) with strands in Drinking-Water Assessment, and Water Treatment [Ref: 1012], by allowing them sufficient time to fully complete that version rather than requiring them to transfer to version 3.

Main changes

The expiry date has been extended from December 2010 to December 2012.

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

Engineering and Technology > Water Industry > Drinking-Water

ID	Title	Level	Credit	Previous Expiry Date	New Expiry Date
18438	Demonstrate knowledge of legislation relating to drinking-water and drinking-water suppliers	5	4	31/12/2010	31/12/2012
18448	Describe the contribution of catchment characteristics to raw water quality management	5	10	31/12/2010	31/12/2012
18452	Describe drinking-water treatment filtration processes, and management of critical points	5	6	31/12/2010	31/12/2012
18453	Describe drinking-water treatment disinfection processes, and management of critical points	5	8	31/12/2010	31/12/2012
18454	Describe water treatment waste management processes, and management of critical points	5	2	31/12/2010	31/12/2012
18455	Describe process control in a water treatment plant, and management of critical points	5	3	31/12/2010	31/12/2012

ID	Title	Level	Credit	Previous Expiry Date	New Expiry Date
18457	Assess a water treatment plant for optimal output	6	12	31/12/2010	31/12/2012
18460	Describe drinking-water microbiology of Public Health and drinking-water supplies	3	4	31/12/2010	31/12/2012

Engineering and Technology > Water Industry > Drinking-Water Assessment

ID	Title	Level	Credit	Previous Expiry Date	New Expiry Date
18439	Demonstrate knowledge of Public Health Risk Management Plans (PHRMP) and their implementation	5	3	31/12/2010	31/12/2012
18442	Plan inspections of drinking-water supplies	6	6	31/12/2010	31/12/2012
18443	Conduct inspections of drinking-water supplies and verify compliance with PHRMP and DWSNZ	6	8	31/12/2010	31/12/2012
18444	Produce a final report on, and communicate, drinking-water supply inspection findings	6	5	31/12/2010	31/12/2012
18445	Describe drinking-water assessors' legal powers, and demonstrate their roles	5	5	31/12/2010	31/12/2012
18447	Maintain a Water Information New Zealand (WINZ) database on local drinking-water supplies	4	4	31/12/2010	31/12/2012

Engineering and Technology > Water Industry > Water Treatment

ID	Title	Level	Credit	Previous Expiry Date	New Expiry Date
19350	Optimise and manage filtration processes for drinking-water treatment, and manage critical points	5	6	31/12/2010	31/12/2012
19351	Optimise and manage chlorine-based water treatment disinfection systems, and manage critical points	5	8	31/12/2010	31/12/2012
19352	Optimise and manage water treatment waste processes, and manage critical points	5	3	31/12/2010	31/12/2012
19353	Identify and manage process control in a water treatment plant, and manage critical points	5	3	31/12/2010	31/12/2012