

FIELD MANUFACTURING**Reinstatement of expired *Energy and Chemical Plant* unit standards**

Subfield	Domain	Id
Energy and Chemical Plant	Monitoring of Energy and Chemical Plant	3055-3057, 3059, 3061
	Operation of Energy and Chemical Plant	3033, 3038, 3039, 3041-3044, 3049, 3050, 4554-4558, 5868, 5869, 16295-16299
	Safety and Legislation for Energy and Chemical Plant	3062, 3063, 3065-3067

The NZ Extractive Industries Training Organisation has changed the expiry dates of the unit standards listed above. The unit standards that had expired have been reinstated as expiring with new expiry dates.

Date standards reinstated

February 2008

New expiry date

December 2011

Reason for the reinstatement

These unit standards had all been reviewed as Category C or D in the review carried out in June 2005. They expired in December 2006.

Subsequent to the review of these standards, the Energy and Chemical Plant qualifications were reviewed. The reviewed and new Energy and Chemical Plant qualifications have taken a significant amount of time to review and create, and were only registered in December 2007. Final date for assessments to take place for the expiring versions of these qualifications is 31 December 2010.

A change to the unit standards' expiry dates was necessary to maintain credit worthiness of the old standards in order to allow trainees to complete the expiring versions of the Energy and Chemical Plant qualifications.

Main changes resulting from the revision

The expiry dates of the standards have been extended to December 2011.

Impact on existing provider accreditations

None.

Impact on Accreditation and Moderation Action Plan (AMAP)

AMAP 0079 has been updated to show the reinstated unit standards.

Impact on existing qualifications

The following Extractives Industries Training Organisation qualifications are affected and have been reviewed. The review was completed in December 2007.

Qualification title	Standard in the qualification
National Certificate in Energy and Chemical Plant (Process Operation) (Level 2) with optional strands in Steam Generation, Ancillary Operations, Geothermal, Waste Treatment, and Co-generation [Ref: 0140]	3044, 3055-3057, 3059, 3061, 4554-4558, 5868, 5869
National Certificate in Energy and Chemical Plant (Process Operation) (Level 4) with optional strands in Refrigeration, Steam Generation, Ancillary Operations, Geothermal, Waste Treatment, and Co-generation [Ref: 0141]	3033, 3038, 3039, 3041, 3043, 3049, 3050, 4558
National Certificate in Energy and Chemical Plant (Process Operation – Boiler Attendant) (Level 2) [Ref: 0775]	3057, 3059, 3061, 4557, 5868
National Certificate in Petrochemical Industry (Core) (Level 2) [Ref: 0977]	4556, 5868
National Certificate in Gas Industry (Gas Transmission) (Level 3) [Ref: 0978]	3062
National Certificate in Petrochemical Industry (Production) (Level 3) [Ref: 0980]	3056, 3059, 4555, 4558, 5869
National Certificate in Petrochemical Industry (Production) (Level 4) with strands in Control Room Operations; Field Operations; Steam Generation, Storage; Transmission and Transfer; and Supervision and Quality [Ref: 0981]	3033, 3038, 3039, 3041, 3043, 3044, 3049, 3050

List of unit standards showing previous and new expiry dates

The following tables show the old and revised expiry dates.

Field Manufacturing
 Subfield Energy and Chemical Plant
 Domain Monitoring of Energy and Chemical Plant

Id	Title	Level	Credit	Previous Expiry Date	New Expiry Date
3055	Cross check information and monitor trends in an energy and chemical environment	3	2	31/12/2006	31/12/2011
3056	Respond to process alarm systems in an energy and chemical environment	3	6	31/12/2006	31/12/2011
3057	Monitor customer requirements in an energy and chemical environment	3	2	31/12/2006	31/12/2011
3059	Monitor plant in an energy and chemical environment	2	3	31/12/2006	31/12/2011
3061	Maintain record management in an energy and chemical environment	2	2	31/12/2006	31/12/2011

Domain Operation of Energy and Chemical Plant

Id	Title	Level	Credit	Previous Expiry Date	New Expiry Date
3033	Operate pumps, compressors and fans in a chemical and energy environment	4	7	31/12/2006	31/12/2011
3038	Operate refrigeration equipment and control processes in an energy and chemical environment	4	10	31/12/2006	31/12/2011
3039	Purge systems in an energy and chemical environment	4	4	31/12/2006	31/12/2011
3041	Operate boiler feed water treatment systems (above 20 MW) in an energy and chemical environment	4	12	31/12/2006	31/12/2011
3042	Operate effluent water treatment systems in an energy and chemical environment	4	8	31/12/2006	31/12/2011
3043	Isolate and recommission systems in an energy and chemical environment	4	4	31/12/2006	31/12/2011
3044	Operate steam turbines in an energy and chemical environment	4	14	31/12/2006	31/12/2011
3049	Carry out controlled start up and shut down procedures in an energy and chemical environment	4	6	31/12/2006	31/12/2011
3050	Operate control systems in an energy and chemical environment	4	7	31/12/2006	31/12/2011
4554	Operate fired pressure equipment (under 20Mw) in an energy and chemical environment	2	6	31/12/2006	31/12/2011
4555	Operate steam generation equipment (under 20Mw) used in an energy and chemical environment	2	8	31/12/2006	31/12/2011
4556	Operate pipework and fittings in an energy and chemical environment	2	4	31/12/2006	31/12/2011
4557	Operate boiler feed water treatment systems (under 20Mw) in an energy and chemical environment	2	6	31/12/2006	31/12/2011
4558	Operate steam turbines (under 20Mw) in an energy and chemical environment	2	6	31/12/2006	31/12/2011
5868	Operate two way communication equipment in an energy and chemical environment	2	1	31/12/2006	31/12/2011
5869	Operate refrigeration equipment in an energy and chemical environment	2	6	31/12/2006	31/12/2011

Id	Title	Level	Credit	Previous Expiry Date	New Expiry Date
16295	Operate boiler house fire and safety systems	2	3	31/12/2006	31/12/2011
16296	Supervise and monitor an unattended boiler	2	4	31/12/2006	31/12/2011
16297	Demonstrate knowledge of the basic principles of, and equipment used for, steam generation	2	6	31/12/2006	31/12/2011
16298	Demonstrate knowledge of the basic auxiliary equipment and systems used for steam generation	2	6	31/12/2006	31/12/2011
16299	Operate and monitor a 1.2 megawatts to 6 megawatts boiler and auxiliary plant	2	6	31/12/2006	31/12/2011

Domain Safety and Legislation for Energy and Chemical Plant

Id	Title	Level	Credit	Previous Expiry Date	New Expiry Date
3062	Identify, handle and store chemicals in an energy and chemical environment	3	5	31/12/2006	31/12/2011
3063	Explain chemical spill contingency procedures in an energy and chemical environment	3	3	31/12/2006	31/12/2011
3065	Demonstrate knowledge of pollutants and their control measures in an energy and chemical environment	2	3	31/12/2006	31/12/2011
3066	Operate anti-pollution control systems in an energy and chemical environment	4	4	31/12/2006	31/12/2011
3067	Operate personnel safety systems applying to hazardous areas in an energy and chemical environment	2	4	31/12/2006	31/12/2011