

**FIELD            PLANNING AND CONSTRUCTION****Change of expiry date for *Surveying* unit standards**

<b>Subfield</b>	<b>Domain</b>	<b>Id</b>
Surveying	Geodetic Surveying	11131, 11133
	Geographic Information Systems and Cartography	8975, 8976, 8977, 8978, 8979, 8980, 8981, 16669
	Hydrography	11148
	Survey - Land Administration and Applied Resource Management	8773, 8780, 8781, 8783
	Survey Practice	8762, 8763, 8765, 8774, 8775, 8776, 8777
	Surveying - Photogrammetry and Remote Sensing	8787, 8788, 8789, 8790, 8791, 8792, 8793, 8794, 8795, 8796, 8797, 8982, 8983, 8984, 8985, 16668
	Titles and Survey Compliance	17220, 17223, 17224, 17225, 19536, 19537, 19538, 19539

InfraTrain New Zealand has revised the expiry dates of the unit standards listed above.

**Date new versions published****April 2008****New expiry date****December 2013****Reason for the rollover**

When the unit standards were reviewed and designated expiring in February 2008 they were published with an incorrect expiry date of 31 December 2009.

A change to the expiry date of the standards was necessary in order to maintain credit worthiness of the expiring standards, allowing trainees to complete the qualifications in which they appear.

**Main changes resulting from the rollover**

The expiry date of the standards was changed from 31 December 2009 to 31 December 2013.

**Summary of main changes**

The following tables show the old and revised expiry dates.

Subfield      Surveying  
Domain        Geodetic Surveying

<b>Id</b>	<b>Title</b>	<b>Level</b>	<b>Credit</b>	<b>Previous Expiry Date</b>	<b>New Expiry Date</b>
11131	Demonstrate knowledge of geodetic reference	5	4	31/12/2009	31/12/2013
11133	Undertake horizontal and vertical control surveys	5	4	31/12/2009	31/12/2013

Domain        Geographic Information Systems and Cartography

<b>Id</b>	<b>Title</b>	<b>Level</b>	<b>Credit</b>	<b>Previous Expiry Date</b>	<b>New Expiry Date</b>
8975	Appraise and interpret a cartographic product	4	4	31/12/2009	31/12/2013
8976	Demonstrate knowledge of cartographic theory and principles	4	12	31/12/2009	31/12/2013
8977	Produce a map	4	30	31/12/2009	31/12/2013
8978	Demonstrate knowledge of printing and duplication processes used in cartography	3	8	31/12/2009	31/12/2013
8979	Demonstrate knowledge of spatial information systems	5	3	31/12/2009	31/12/2013
8980	Demonstrate knowledge of spatial data principles	5	6	31/12/2009	31/12/2013
8981	Capture spatial data	5	3	31/12/2009	31/12/2013
16669	Apply spatial data principles to capture surveying spatial data	6	12	31/12/2009	31/12/2013

Domain        Hydrography

<b>Id</b>	<b>Title</b>	<b>Level</b>	<b>Credit</b>	<b>Previous Expiry Date</b>	<b>New Expiry Date</b>
11148	Demonstrate knowledge of industrial offshore and coastal zone management surveys	5	8	31/12/2009	31/12/2013

Domain        Survey - Land Administration and Applied Resource Management

<b>Id</b>	<b>Title</b>	<b>Level</b>	<b>Credit</b>	<b>Previous Expiry Date</b>	<b>New Expiry Date</b>
8773	Prepare a resource consent application	6	5	31/12/2009	31/12/2013
8780	Process resource consent application	6	5	31/12/2009	31/12/2013
8781	Monitor a resource consent	5	2	31/12/2009	31/12/2013
8783	Identify local government organisation and development in relation to the survey industry	4	1	31/12/2009	31/12/2013

## Domain Survey Practice

<b>Id</b>	<b>Title</b>	<b>Level</b>	<b>Credit</b>	<b>Previous Expiry Date</b>	<b>New Expiry Date</b>
8762	Confirm reliability of existing survey marks	4	5	31/12/2009	31/12/2013
8763	Advise local and public utility authorities on survey maintenance	4	2	31/12/2009	31/12/2013
8765	Produce cadastral survey plans	5	15	31/12/2009	31/12/2013
8774	Set up survey instruments and targets	3	2	31/12/2009	31/12/2013
8775	Undertake and record linear field measurements for survey purposes	3	3	31/12/2009	31/12/2013
8776	Undertake and record angular field measurements for survey purposes	3	4	31/12/2009	31/12/2013
8777	Determine vertical height for survey purposes	3	3	31/12/2009	31/12/2013

## Domain Surveying - Photogrammetry and Remote Sensing

<b>Id</b>	<b>Title</b>	<b>Level</b>	<b>Credit</b>	<b>Previous Expiry Date</b>	<b>New Expiry Date</b>
8787	Demonstrate knowledge of aerial photographs	3	2	31/12/2009	31/12/2013
8788	Demonstrate knowledge of photogrammetry in New Zealand	4	3	31/12/2009	31/12/2013
8789	Plan and acquire survey photography	5	5	31/12/2009	31/12/2013
8790	Use graphical plotting techniques for photogrammetry	3	3	31/12/2009	31/12/2013
8791	Demonstrate knowledge of the basic principles and structures of stereo plotting systems	4	4	31/12/2009	31/12/2013
8792	Apply orientation processes to analogue, analytical and digital photogrammetric systems	4	6	31/12/2009	31/12/2013
8793	Capture photogrammetric data	4	10	31/12/2009	31/12/2013
8794	Produce rectified aerial photography	5	6	31/12/2009	31/12/2013
8795	Plan and acquire photo control	6	10	31/12/2009	31/12/2013
8796	Initiate and manage a photogrammetric project	6	3	31/12/2009	31/12/2013
8797	Calibrate and maintain analogue stereoplotters	5	8	31/12/2009	31/12/2013
8982	Demonstrate knowledge of the physical processes of remote sensing systems	4	6	31/12/2009	31/12/2013
8983	Enhance digital image for surveying purposes	5	6	31/12/2009	31/12/2013
8984	Register and rectify digital image for surveying purposes	5	6	31/12/2009	31/12/2013
8985	Classify digital image for surveying purposes	5	6	31/12/2009	31/12/2013

<b>Id</b>	<b>Title</b>	<b>Level</b>	<b>Credit</b>	<b>Previous Expiry Date</b>	<b>New Expiry Date</b>
16668	Demonstrate knowledge of the principles of photogrammetry and remote sensing	6	14	31/12/2009	31/12/2013

## Domain      Titles and Survey Compliance

<b>Id</b>	<b>Title</b>	<b>Level</b>	<b>Credit</b>	<b>Previous Expiry Date</b>	<b>New Expiry Date</b>
17220	Re-issue a Certificate of Title	3	7	31/12/2009	31/12/2013
17223	Issue Certificates of Title	4	8	31/12/2009	31/12/2013
17224	Demonstrate knowledge and application of Cadastral Survey (Fees) Regulations 2003	3	5	31/12/2009	31/12/2013
17225	Demonstrate knowledge of Land Title and survey records	3	8	31/12/2009	31/12/2013
19536	Lodge and scan survey plans	3	5	31/12/2009	31/12/2013
19537	Capture survey plans	4	5	31/12/2009	31/12/2013
19538	Perform Quality Control Functions for Survey Data	5	3	31/12/2009	31/12/2013
19539	Perform topology and geometry survey data functions	5	6	31/12/2009	31/12/2013