

**FIELD      AGRICULTURE, FORESTRY AND FISHERIES**

**Change of responsibility for, and revision and rollover of, *Animal Care and Handling* qualifications and unit standards, and registration of new Accreditation and Moderation Action Plan (AMAP)**

**Qualifications**

<b>Qualification title</b>	<b>Reference</b>
National Certificate in Animal Care	0241
National Certificate in Veterinary Nursing	0221
National Diploma in Laboratory Animal Care	0245
National Diploma in Veterinary Nursing	0222

**Unit standards**

<b>Subfield</b>	<b>Domain</b>	<b>ID</b>
Animal Care and Handling	Animal Care	5148, 5149, 5151-5154, 5171-5176, 5180, 5188, 5189, 5195-5197, 5200, 5222, 7337, 7398, 7400, 7401, 7403-7406, 14377, 19894, 21355, 21357, 21358, 21360, 21379-21383
	Animal Handling	5183, 5184, 7397, 11681, 11682
	Animal Husbandry	5162-5166, 5168, 5169, 5186, 5187, 19540, 21356, 21359
	Laboratory Animal Care	7381-7389
	Veterinary Nursing	5155-5161, 5177-5179, 5181, 5182, 5185, 5190-5192, 5198, 5199, 5201-5215, 5217-5221, 21384

Responsibility for the unit standards and qualifications referred to above, which were rolled over and reregistered in June 2007, has been transferred from NZQA National Qualifications Services (NQS) to the **Agriculture Industry Training Organisation**. A new AMAP covering the unit standards has been registered concurrently.

**Accreditation and Moderation Action Plan (new)**

<b>Reference</b>	<b>Name</b>
0228	Animal Care, Animal Handling, Animal Husbandry, Laboratory Animal Care, and Veterinary Nursing

**Date new versions published**

**June 2007**

**Rationale for the change**

NQS has handed over responsibility for the unit standards and associated qualifications.

**Outline of main changes**

**Qualifications**

The qualifications have been amended to show the new ITO responsibility, maintained to take account of the revision and rollover of the *Animal Care and Handling* unit standards, and published as new versions. The opportunity was taken to transfer the documents to the latest qualification template, clarify transition arrangements and update prerequisite diagrams.

## Unit standards

The unit standards have been revised and rolled over and amended to show the new ITO responsibility and published as new versions. The opportunity was taken to update references and prerequisites and correct typographical errors.

## Accreditation and Moderation Action Plan

A new Accreditation and Moderation Action Plan [Ref: 0228] has been developed to show the new ITO responsible for the systems.

## Impact on existing accreditations

The Agriculture Industry Training Organisation has had its accreditation extended to include the domains Animal Care, Animal Handling, Animal Husbandry, Laboratory Animal Care, and Veterinary Nursing to Level 6.

## Revision of *Animal Care and Handling* qualifications

- **National Certificate in Animal Care [Ref: 0241]**
- **National Certificate in Veterinary Nursing [Ref: 0221]**
- **National Diploma in Laboratory Animal Care [Ref: 0245]**
- **National Diploma in Veterinary Nursing [Ref: 0222]**

The Agriculture Industry Training Organisation has revised the qualifications listed above.

## Date new versions published

**June 2007**

One qualification, 0245, has had its review date rolled over; two qualifications, 0222 and 0241 have had their next review date brought forward; and one, 0221, remains unchanged.

The next qualification review is planned to take place during 2009.

## Reason for the revision

- As part of the change of standard setting responsibility the qualifications were updated to reflect the new standard setter name.
- Titles of some unit standards were changed in line with the associated revision and rollover of unit standards.
- The opportunity was taken to clarify transition arrangements and update prerequisite diagrams.

## Main changes resulting from the revision

### National Certificate in Animal Care [Ref: 0241]

Changes to structure and content

- Unit standard titles updated.

## Transition

People currently enrolled in programmes leading to the award of earlier versions of this qualification may either complete that version or transfer to this version of the qualification.

This qualification contains standards that replace earlier standards. For the purposes of this qualification people who have gained credit for the expiring standards are exempt from the requirement to gain credit for the replacement standards.

Credit for	Exempt from
59	11831
503	12349
545	12355
5150	21382, 21383
5193	21380
7399	21381
16649	19894

## National Certificate in Veterinary Nursing [Ref: 0221]

Changes to structure and content

- Unit standard titles updated
- Prerequisite diagram updated.

## Transition

People currently enrolled in programmes leading to the award of earlier versions of this qualification may either complete that version or transfer to this version of the qualification.

This qualification contains standards that replace earlier standards. For the purposes of this qualification people who have gained credit for the expiring standards are exempt from the requirement to gain credit for the replacement standards.

Credit for	Exempt from
503	12349
545	12355
5150	21382, 21383
5170	21379
5193	21380
5216	21384
7399	21381
16649	19894

## National Diploma in Laboratory Animal Care [Ref: 0245]

Changes to structure and content

- Prerequisite diagram updated.

## Transition

People currently enrolled in programmes leading to the award of an earlier version of this qualification may either complete that version or transfer to this version.

### National Diploma in Veterinary Nursing [Ref: 0222]

Changes to structure and content

- Unit standard titles updated
- Prerequisite diagram updated.

## Transition

People currently enrolled in programmes leading to the award of version 5 of this qualification may either complete that version or transfer to this version of the qualification.

This qualification contains a standard that replaces an earlier standard. For the purposes of this qualification people who have gained credit for the expiring standard will be exempt from the requirement to gain credit for the replacement standard.

Credit for	Exempt from
1313	9694

People who consider they have been disadvantaged by these transition arrangements should contact:

Agriculture Industry Training Organisation  
PO Box 10 383  
The Terrace  
WELLINGTON

Telephone 04 801 9616  
Facsimile 04 801 9626

### Revision and rollover of *Animal Care and Handling* unit standards

Subfield	Domain	Id
Animal Care and Handling	Animal Care	<b>5148, 5149, 5151-5154</b> , 5171-5176, 5180, 5188, 5189, <b>5195</b> , 5196, 5197, <b>5200</b> , 5222, <b>7337</b> , 7398, 7400, 7401, 7403-7406, 14377, 19894, <b>21355, 21357, 21358, 21360, 21379-21383</b>
	Animal Handling	5183, 5184, 7397, 11681, 11682
	Animal Husbandry	5162-5164, <b>5165</b> , 5166, 5168, 5169, 5186, 5187, 19540, <b>21356</b> , 21359
	Laboratory Animal Care	7381-7389
	Veterinary Nursing	<b>5155-5160</b> , 5161, 5177-5179, 5181, 5182, 5185, 5190-5192, 5198, 5199, 5201, <b>5202-5204</b> , 5205-5212, <b>5213</b> , 5214, 5215, 5217-5221, <b>21384</b>

The Agriculture Industry Training Organisation has revised and rolled over the unit standards listed above. The planned review date has been aligned with the unit standards that have been revised. The unit standards in **bold** have only been revised, and their planned review date of July 2009 remains unchanged.

**Date new versions published** **June 2007**

**Planned review date** **July 2009**

### **Reason for the revision and rollover**

The purpose of the revision and rollover is to update information due to a change of standard setting responsibility for the unit standards. The opportunity was taken to update prerequisites and references, and correct typographical errors.

### **Main changes resulting from the revision**

The main changes are:

- Prerequisites and references have been updated and corrected
- Standard setter details have changed from NZQA National Qualifications Services to Agriculture Industry Training Organisation
- Accreditation statements have been updated to match those on the new AMAP 0228, registered concurrently.

### **Impact on existing provider accreditations**

None.

### **Impact on Accreditation and Moderation Action Plan (AMAP)**

AMAP 0228 has been developed for these unit standards as part of the change of responsibility.

### **Impact on existing qualifications**

See *Revision of Animal Care and Handling qualifications* above.

### **Summary of main changes**

All changes are in **bold**.

Subfield      Animal Care and Handling  
Domain        Animal Care

<b>Id</b>	<b>Title</b>	<b>Level</b>	<b>Credit</b>
5148	Monitor health and provide husbandry for cats	2	5
5149	Monitor health and provide husbandry for rodents and rabbits	2	4
5151	Monitor health and provide husbandry for caged birds	2	3
5152	Monitor health and provide husbandry for horses	2	5
5153	Monitor health and provide husbandry for ruminants	2	5
5154	Monitor health and provide husbandry for pigs	2	4
5171	Collect, prepare, and examine blood samples from animals	5	6

<b>Id</b>	<b>Title</b>	<b>Level</b>	<b>Credit</b>
5172	Collect and carry out routine examinations on faecal samples from animals	5	5
5173	Collect and carry out routine examinations on urine samples from animals	5	5
5174	Examine an animal for ectoparasites, collect and examine samples	5	4
5175	Collect microbiological samples from animals, culture or plate out according to sample <b>Collect microbiological samples from animals, and culture or plate out according to sample</b>	5	20
5176	Collect and test diagnostic samples from companion animals, and prepare the samples for dispatch	3	4
5180	Demonstrate knowledge of the anatomy and physiology of animals	2	10
5188	Induct new staff into the animal facility	6	8
5189	Follow safe working practices and standards in the animal facility	3	4
5195	Demonstrate knowledge and skills for providing veterinary reception services	3	6
5196	Conduct preventative health clinics for companion animals	6	10
5197	Manage an animal nursing clinic and carry out client services	6	10
5200	Prepare for an intravenous drip, and monitor an animal while on fluid therapy	4	4
5222	Recognise and interpret problems of behaviour in companion animals	5	5
7337	Monitor health and provide husbandry for dogs	2	5
7398	Receive, rehome, release, or dispose of homeless animals <b>Receive, re-home, release, or dispose of homeless animals</b>	4	10
7400	Respond to and manage routine problems of canine behaviour	5	4
7401	Receive, integrate, manage, and dispatch animals in a boarding situation	3	10
7403	Groom dogs	3	10
7404	Clip dogs	4	4
7405	Scissor dogs	4	16
7406	Handstrip and pluck dogs	4	15
14377	Recognise normal and abnormal behaviour and conditions in animals	4	5
19894	Demonstrate knowledge of zoonoses and their control	3	3
21355	Collect and test diagnostic samples from large animals, and prepare the samples for dispatch	3	5
21357	Describe exotic diseases in farm animals, and measures and responsibilities for disease control	2	4
21358	Demonstrate and apply knowledge of parasites affecting horses and production animals	4	8
21360	Monitor health and provide husbandry for poultry	2	4
21379	Demonstrate knowledge of requirements relating to transport of cats and dogs	2	2
21380	Demonstrate and apply knowledge relating to animal facility environmental hygiene	3	5
21381	Demonstrate knowledge of ethical behaviour in relation to animals	2	3

Id	Title	Level	Credit
21382	Monitor health and provide husbandry for ornamental fish	2	2
21383	Monitor health and provide husbandry for reptiles and amphibians	2	2

## Domain Animal Handling

Id	Title	Level	Credit
5183	Handle and transport injured companion animals	3	2
5184	Handle and transport injured large animals	3	2
7397	Socialise, and develop a puppy for potential Guide Dog work	4	4
11681	Carry out emergency euthanasia of small animals	5	3
11682	Carry out emergency euthanasia of large animals	5	3

## Domain Animal Husbandry

Id	Title	Level	Credit
5162	Manage a breeding programme for companion animals	4	4
5163	Respond to client requests for advice on companion animal breeding <b>Demonstrate knowledge of, and respond to client requests for advice on, companion animal breeding</b>	4	6
5164	Respond to client requests for advice on farm animal breeding <b>Demonstrate knowledge of, and respond to client requests for advice on, farm animal breeding</b>	4	6
5165	Describe parturition and after care of companion animals	3	3
5166	Assist with parturition and after care of farm animals, respond to client requests for advice <b>Assist with parturition and after care of farm animals, and respond to client requests for advice</b>	3	4
5168	Provide specialist care for paediatric companion animal patients and the mother	4	3
5169	Provide ongoing care for paediatric farm animal patients and the mother	3	5
5186	Supervise monogastric animal feeding, respond to client requests for advice <b>Supervise monogastric animal feeding, and respond to client requests for advice</b>	5	8
5187	Supervise ruminant animal feeding, respond to client requests for advice <b>Supervise ruminant animal feeding, and respond to client requests for advice</b>	5	6
19540	Demonstrate knowledge of basic animal husbandry	3	5
21356	Perform disbudding and dehorning procedures on cattle	3	4
21359	Perform ultrasound scanning for pregnancy diagnosis in farm animals	4	6

## Domain Laboratory Animal Care

Id	Title	Level	Credit
7381	Supervise the care of laboratory animals	5	15
7382	Clean laboratory animal equipment	2	3
7383	Manage the feeding programmes of laboratory animals	5	12
7384	Euthanase laboratory animals	4	6

Id	Title	Level	Credit
7385	Establish and maintain specific stocks and strains of laboratory animals	5	12
7386	Care for laboratory animals in a specific pathogen free (SPF) environment	5	12
7387	Assist with investigative research involving laboratory animals	4	8
7388	Manage an animal laboratory facility	6	24
7389	Demonstrate knowledge of laboratory animal ethics and legislation	2	2

## Domain      Veterinary Nursing

Id	Title	Level	Credit
5155	Prepare animal patients for surgery	4	5
5156	Assist with animal surgery as a circulating veterinary nurse	5	8
5157	Assist with animal surgery as a surgical veterinary nurse	5	5
5158	Assist the veterinarian with animal anaesthetic and analgesic procedures	5	18
5159	Provide intensive post-operative care for an animal	5	5
5160	Nurse a hospitalised animal patient	3	5
5161	Manage a hospitalised animal patient	5	5
5177	Take radiographs of animals, and process	5	15
5178	Assist to take radiographs of animals, and process	3	4
5179	Conduct preliminary clinical examination of an animal	4	3
5181	Provide emergency first aid care to companion animals	5	8
5182	Provide emergency first aid care to large animals	4	12
5185	Receive native and exotic animals and birds for rehabilitation, rearing, rehoming, release or disposal <b>Receive native and exotic animals and birds for rehabilitation, rearing, re-homing, release or disposal</b>	5	4
5190	Provide emergency first aid for companion animals in the absence of the veterinarian	6	10
5191	Admit and discharge animal patients	3	4
5192	Dispense animal drugs as directed by the veterinarian	3	3
5198	Assist in the collection and storage of blood and administration of a blood transfusion to an animal	3	3
5199	Set up an intravenous drip, manage an animal while on fluid therapy <b>Set up an intravenous drip, and manage an animal while on fluid therapy</b>	5	5
5201	Assist the veterinarian to obtain diagnostic samples	3	4
5202	Assist the veterinarian to perform post-mortem procedures	3	3
5203	Assist the veterinarian with equine consultations and surgery	3	15
5204	Assist the veterinarian with consultations and surgery involving farm animals	3	15
5205	Nurse hospitalised caged birds	3	4
5206	Nurse geriatric animals	5	4
5207	Nurse animal patients with specific medical conditions	5	8
5208	Nurse animal patients with an infectious disease <b>Nurse companion animal patients with an infectious disease</b>	5	6
5209	Nurse an intensive care animal patient	5	6

<b>Id</b>	<b>Title</b>	<b>Level</b>	<b>Credit</b>
5210	Nurse an animal patient undergoing chemotherapy treatment	3	3
5211	Prepare and nurse an animal patient undergoing radiotherapy treatment	3	3
5212	Nurse an orthopaedic animal patient	4	5
5213	Assist with artificial breeding of dogs	2	2
5214	Assist with artificial breeding of large animals	4	2
5215	Assist with embryo transfer in animals	4	3
5217	Assist the veterinarian with ultrasound imaging of an animal	3	3
5218	Produce an electrocardiogram (ECG) from an animal	5	4
5219	Perform manual dental scaling and ultrasonic dental scaling on small animals <b>Perform manual, ultrasonic, and rotodontic dental scaling on small animals</b>	5	5
5220	Set up and maintain an electrocautery unit, assist with electrocauterisation of animals <b>Set up and maintain an electrocautery unit, and assist with electrocauterisation of animals</b>	3	2
5221	Set up and maintain an endoscope, assist with endoscopy of animals <b>Set up and maintain an endoscope, and assist with endoscopy of animals</b>	3	2
21384	Demonstrate and apply knowledge of professional behaviour for veterinary nurses	3	3

### **AMAP for Agriculture Industry Training Organisation – Animal Care and Handling [Ref: 0228]**

#### **Development of *Agriculture Industry Training Organisation* AMAP**

The Agriculture Industry Training Organisation has developed the Accreditation and Moderation Action Plan (AMAP) above.

#### **Date new version published**

**June 2007**

The next AMAP review is planned to take place during 2011.

#### **Summary of development and consultation process**

Responsibility for unit standards in domains, Animal Care, Animal Handling, Animal Husbandry, Laboratory Animal Care, and Veterinary Nursing in the Animal Care and Handling subfield has changed from NZQA to the Agriculture Industry Training Organisation.

Sector requirements for accreditation and moderation were determined and confirmed through extensive consultation with industry representatives, training providers, moderators, and employers. Meetings, email, and conference calls were used in the consultation process.

Feedback was collated, and further considered by the relevant sector representatives. Requirements were incorporated into the AMAP template. A representative from the Agriculture Industry Training Organisation Board and the Animal Care and Handling Industry Training Advisory Committee have endorsed the new AMAP.

### **Compliance with new requirements**

Accreditation requirements will apply immediately.

Moderation system requirements will apply from September 2007.

Accredited organisations will be audited for compliance with AMAP requirements from January 2008.