

Demonstrate knowledge of laboratory animal ethics and legislation

Level 2

Credits 2

Purpose People credited with this unit standard are able to describe New Zealand legislation for the use of animals, and the controls on the use of animals for research, teaching, and testing; and describe the concept of animal management, and benefits to people through the use of laboratory species.

Subfield Animal Care and Handling

Domain Laboratory Animal Care

Status Registered

Status date 30 June 1996

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Entry information Open.

Accreditation Evaluation of documentation and visit by NZQA and industry.

Standard setting body (SSB) Primary Industry Training Organisation

Accreditation and Moderation Action Plan (AMAP) reference 0228

This AMAP can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

Special notes

- 1 Animals as defined in the legislation refer to rabbits, rodents, domestic farm animals, feral animals, birds, amphibians, reptiles, and all other species used for research or teaching.
- 2 For credit, evidence must be in accordance with the statutory and industry requirements contained in the following documents.
Relevant and current National Animal Welfare Advisory Committee (NAWAC) Codes of Welfare and Codes of Recommendations and Minimum Standards, National Animal Ethics Advisory Committee (NAEAC) Guides, and *Good Practice Guide for the Use of Animals in Research, Testing and Teaching*, NAEAC (September 2002), available at <http://www.maf.govt.nz>, under animal welfare.
Animal Welfare Act 1999, Health and Safety in Employment Act 1992, and any subsequent amendments.

- 3 *In-house procedures* refer to the documented policies and procedures for animal handling and ethical behaviour codes required by the employer.
- 4 Reference
Russell and Birch, *Principles of Humane Experimental Technique*, provides the definition of alternatives to include those commonly known as the 3 R's of Research. Information can be found at – [h://www.k-state.edu/research/comply/iacuc/research/histrev.html](http://www.k-state.edu/research/comply/iacuc/research/histrev.html)

Elements and performance criteria

Element 1

Describe New Zealand legislation for the use of animals, and the controls on the use of animals for research, teaching, and testing.

Performance criteria

- 1.1 The administration of animal welfare laws is described in terms of the National Animal Welfare Advisory Committee (NAWAC), the National Animal Ethics Advisory Committee (NAEAC), Institutional Animal Ethics Committees, and the Ministry of Agriculture and Forestry.
- Range responsibility, function, representatives, methods of providing compliance.
- 1.2 The Russell and Burch '3R's' concept is described in terms of its application to research animal use.
- Range reduction, refinement, replacement.
- 1.3 'Alternative', in relation to Russell and Birches 3Rs concept, is described in terms of animal manipulation for research testing or teaching.

Element 2

Describe the concept of animal management, and benefits to people and animals through the use of laboratory species.

Performance criteria

- 2.1 The animal welfare code five freedoms concept of animal management are described in terms of malnutrition, thermal or physical discomfort, injury or disease, fear and stress, and expression of normal patterns of behaviour.

2.2 The use of laboratory species in research and teaching is described in terms of the benefits to people, and animals.

Range benefits include – diagnosis, treatment and prevention of disease; improved agricultural efficiency; improved nutrition; vaccine production; drug safety evaluation; wildlife and endangered species conservation.

Please note

Providers must be accredited by NZQA, or an inter-institutional body with delegated authority for quality assurance, before they can report credits from assessment against unit standards or deliver courses of study leading to that assessment.

Industry Training Organisations must be accredited by NZQA before they can register credits from assessment against unit standards.

Accredited providers and Industry Training Organisations assessing against unit standards must engage with the moderation system that applies to those standards.

Accreditation requirements and an outline of the moderation system that applies to this standard are outlined in the Accreditation and Moderation Action Plan (AMAP). The AMAP also includes useful information about special requirements for organisations wishing to develop education and training programmes, such as minimum qualifications for tutors and assessors, and special resource requirements.

Comments on this unit standard

Please contact the Primary Industry Training Organisation standards@primaryito.ac.nz if you wish to suggest changes to the content of this unit standard.