

ANIMAL SCIENCES TRAINING SERVICES RPL SELF-ASSESSMENT TOOL
COURSE ACM50110 Diploma of Animal Technology

Candidate self assessment

Candidate Name:	
Date of report:	
Assessor Name:	

Self-Assessment Information

The purpose of this self-assessment is to enable candidates who feel they already have the required competencies to assess their skills and knowledge against the qualification requirements. Should you feel you are ready there will be additional questioning and observation conducted to complete your assessment process.

To complete the self-assessment, answer all the following questions by placing a ✓ in the column (Always, Sometimes, Never) that best reflects your current level of skills and knowledge.

As you answer each question, make a note of any evidence you have that could be used to verify your skills. For example, if you claim to be able to work collaboratively with others when conducting workplace activities, you need to be able to provide examples of this.

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Some examples of different types of evidence that you could provide include:

- workplace documents you complete (completed)
- a résumé describing where you have worked and the duties you have performed
- work meeting records
- testimonials from clients or other staff you have worked with
- job descriptions and references
- photographs, samples of work
- records of formal or informal training you may have done on the job
- discussion of the work you have done and where you have done the work with an assessor
- Demonstration of the task to an assessor (either in the workplace or at a training facility).

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Self-Assessment Checklist

Place a ✓ in the column (Yes, No, Unsure) that best reflects your current level of skills and knowledge.

Do you regularly apply the following skills:	Yes	No	Not sure	What evidence can you provide?
Core units				
Follow entry and exit procedures into a facility				
Design entry procedure protocols				
Attend induction or training sessions				
Design induction/ training sessions				
Monitor animals				
Monitor animals pre, during and post anaesthesia				
Routing check of anaesthetic machines and				

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anaesthetic gases				
Administer analgesia and other medications				
Change animal cages				
Feed animals ad lib diets				
Feed animals according to a diet plan				
Provide water or other liquids				
Apply environmental sustainability work practices				
Perform euthanasia as follows:				

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2 methods on 1 species of animal OR 1 method for 2 different species of animal				
Fill out workplace documents such as: Order forms Message taking Monitoring sheets Emails OH&S checklists Procedures book Cage cards Electronic databases				
Perform Identification techniques such as: Ear notching Toe clipping Microchipping Tattooing Using markers or texts				
Perform injection techniques such as: Intraperitoneal				

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Intravenous Subcutaneous Intravenous Subdermal				
Perform non-surgical techniques such as: Oral gavage Intranasal delivery of substances Microchipping Blood glucose tolerance testing Using tissue glue OTHER:				
Work with a combination of animals: 3 mice of strains 3 rat of strains Combination of 3 types of rodents A combination of rodents and rabbits				
Sterilize/ cleaning items using some of the following techniques: Using an autoclave				

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UV irradiation Gaseous sterilization methods 70 - 80% Ethanol Dilute HCL Bleach F10 Virkon Other workplace methods not listed above:				
Set up breeding animals				
Superovulation techniques				
Weaning animals				
Perform streak plates to grow bacteria				

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Testing for bacterial growth, contamination				
<p>MANAGE Occupational health and safety issues in the workplace such as:</p> <p>Chemical segregation Fume hood/ laminar flow hood maintenance Anaesthetic machine maintenance First Aid training for yourself or staff Contractor inductions Waste disposal</p>				
Use mathematics				
<p>MANAGE compliance: Reporting breaches of pathogens Reporting breaches of ethics proposal</p>				

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Prepare and present data Annual animal numbers Import/ export of animals				
Apply sustainability principles in the workplace				
Can you demonstrate your knowledge for the following:	Yes	No	Not sure	
Anatomy and physiology				
Occupational health and Safety Act				
Principles of the 3 R's (of animal use)				
Principles of the 3 R's (environmental)				
Quarantine Act				
Animal Husbandry and Maintenance recommendations (codes of practices)				
Basic genetics				
S8 and S4 drug storage and usage				
Zoonotic diseases				

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Environmental sustainability				
NHMRC guidelines				
AQIS				
Office of the Gene Technology Regulator				

Is there anything else you have achieved/delivered or are qualified in, which has not been identified here? If so, please provide details.

Do you regularly apply the following skills:	Yes	No	Not sure	What evidence can you provide?
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Elective unit				
ACMSPE units Work with 3 breeds of the an animal you have chosen: E.g. Dogs: Labrador, Chihuahua, Kelpie E.g. Cats: Ragdoll, Siamese, Tonkinese E.g. Amphibians: Green tree frog, Cane toad, Salamander				
Work with 3 mammalian species: E.g. Dogs, goats and sheep				
Make up solutions in the workplace using laboratory glassware/ plastic ware				
Using a microscope				
Performing basic tests such as: Vaginal smear tests for oestrus detection				

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Embryo viability Blood smears Blood cell counts Sperm counts Testing pH of solutions PCR for genotyping Other:				
Perform First Aid procedures on staff				

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Operate specialist machinery such as: X-Rays Autoclaves Anaesthetic machinery Fume hoods Changing cabinets Cage washers Bottle washer Box filler Bottle filler Dunk tanks Pass through ports				
Perform tissue collections				
Collect tissue for cell culture				
Prepare tissues for PM analysis (e.g. Cerberus or ASAP laboratory)				
Use basic computer programs such as Word, Excel				

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and Power Point				
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Operate specialist machinery such as: X-Rays Autoclaves Anaesthetic machinery Fume hoods Changing cabinets Cage washers Bottle washer Box filler Bottle filler Dunk tanks Pass through ports				
Use mathematics				
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<p>MANAGE staff: Prepare rosters Prepare Annual reviews Hold meetings Draft agendas Staff recruitment Staff induction Staff reviews Staff professional development/ training</p>				
<p>PERFORM surgeries for scientific purposes</p> <p>Check for depth of anaesthesia The use of anaesthetic gases The use of injectable anaesthesia Suturing The use of tissue glue The use of staples Record surgery processes</p>				

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DESIGN workplace documents Sop's Standard workplace practices Meeting agendas Meeting minutes Annual reports Euthanasia records Room log books/ sheets				
Perform caesarean rederivation				
Breed genetically modified mice or rats Knock-out Knock-in Transgenic OTHER:				
Can you demonstrate your knowledge for the	Yes	No	Not	

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following:			sure	
Animal specific codes of practices				
Compliance with standard operating procedures and workplace protocols				
Workplace Confidentiality				
Version control				
EEO Act policies and procedures				
Ethics committee reporting procedures, such as: Adverse events				
Physical containment levels				