

# Practical training in laboratory animal science

## For FELASA category B

### Fish

Name of candidate:

E-mail address:

Named veterinarian:

E-mail address:

Name of laboratory animal unit:

Species involved in the practical training:

#### Information before you start your practical training

**You are not expected to carry out any invasive procedures during any of your practical training.**

**You may find it helpful for part of your initial practical training to have available animal dummies to practice on, before you perform the procedures on live animals.**

**Before you commence your practical training you and your supervisor must ensure that you have complied with your local health and safety rules.**

<b>1. Housing and fish room management</b> <b>This training has been performed in the environment of the following species:</b>	
<b>Procedure</b>	<b>Signature</b>
<b>In an animal room/unit observe and comment on the choice of:</b> <ul style="list-style-type: none"><li>• Aquarium/fish tank/station</li><li>• Aquarium/fish water supply</li><li>• Feed</li><li>• Ensure you know the routines for recordkeeping in the fish facility and the room procedures.</li><li>• Comment on general maintenance of the fish room</li><li>• Ensure you know the correct way to dispose of the various waste from the fish room</li><li>• Be aware about how the room and fish should be left when you have finished working with them and at the end of the day.</li></ul>	
<b>Observe one cage/pen/aquarium and comment on the following</b> <ul style="list-style-type: none"><li>• Smell (describe the smell)</li></ul>	

<ul style="list-style-type: none"> <li>• Cleanliness of the aquarium/fish tank and inventory (amount of faeces, cleanliness of water bottle, etc.)</li> </ul>	
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<b>2. Husbandry</b> <b>This training has been performed in the environment of the following species:</b>	
<b>Procedure</b>	<b>Signature</b>
<b>Show and be proficient at:</b> <ul style="list-style-type: none"> <li>• The units relevant fish care routines, standards, husbandry and aquarium/fish tank changing.</li> <li>• The units relevant hygiene routines, standards, room-cleaning and aquarium/fish tank cleaning</li> <li>• The units relevant barrier system, standards and any different sub-units on different microbiological status</li> </ul>	
Explain and understand the selection, storage and usage of the different type of feed / feeding regimes used in the unit and how diet may affect the fish health	

<b>3. Observation on health status</b> <b>This training has been done on the following species:</b>	
<b>Procedure</b>	<b>Signature</b>
Observe animals in a room/rack and comment on the following: <ul style="list-style-type: none"> <li>• Type of fish (spp, type, age, sex, use)</li> <li>• Behaviour (aggressive, nesting, level of activity, normal, abnormal, etc.)</li> </ul>	
<b>Observe/examine one individual animal and comment on</b> <ul style="list-style-type: none"> <li>• Body condition</li> <li>• Eyes (open, closed, discharge, symmetrical)</li> <li>• Sign of pain/discomfort/stress</li> <li>• Skin</li> <li>• Fins</li> </ul>	

<b>4. Handling and sexing</b> <b>This training has been done on the following species:</b>	
<b>Procedure</b>	<b>Signature</b>
Show and be proficient at safe handling fish for tank changing and cleaning	
Show and be proficient at safe restraint of the fish for common procedures	
Show and be proficient at safe restraint of the animal for the induction of anaesthesia.	
Show and be proficient at sexing of fish ( zebrafish)	

### 5. Anaesthesia

**This training has been done on the following species:**

Procedure	Signature
Prepare for and carry out immersion anaesthesia of up to five fishes	
Explain and understand the selection, storage and use of the various drugs.	
Explain and understand the difference between analgesia and anaesthesia	

### 6. Euthanasia

**This training has been done on the following species:**

Procedure	Sign
Demonstrate and understand the anaesthesia overdose euthanasia of fishes.	
Explain and understand the correct procedure to perform cervical dislocation	
Explain routines for the methods of ensuring the death of an euthanised fish	
Explain safe, ethical, hygienic and legal aspect of carcass disposal	

### 7. Environment

**Everyone working in an animal house has a responsibility to ensure good a working environment. This section is included to help develop, good practice when working in the animal house.**

Procedure	Sign
Explain and understand the daily cleaning routines of aquaria or fish tanks	
Understand the processes of cleaning and preparing fish aquaria and tanks.	
Explain and understand tidy working routines with correct disposal of materials and equipment.	
Explain and understand how a room should be cleaned, restocked and left when you have finished your procedure for best safety and hygiene.	
Explain and understand the procedures necessary for decontamination of a room/unit and personnel management after a disease outbreak.	

I hereby declare that all the signed procedures above have been performed by the participant, in my presence, to my satisfaction. The total number of hours spent was \_\_\_\_\_ (minimum 20hr is required)

Signature

Date