



Checklist for a Physical Containment Level 2 Arthropod Facility

(Checklist against the requirements of the Gene Technology Regulator's
*Guidelines for Certification of a Physical Containment Level 2
Arthropod Facility*)

Organisation Name

Facility Name

IBC Name

Is this checklist provided as part of an application for:

Certification of a new facility?

Variation to an existing Certification?

For variations please provide the OGTR Certification Number

Name(s) and signature(s) of person(s) inspecting the facility (please print name clearly)

Date of Inspection

Time taken to complete this form:

| Hours | | Minutes | |
|----------------------|----------------------|----------------------|----------------------|
| <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |

Please read this page first

Important Notes

- If you require more space, please attach the information and indicate that you have added an attachment.
- If in answer to any of the questions below you have indicated there is work pending completion or procedures yet to be implemented, please provide the expected completion date. Please be aware that the OGTR will require confirmation when work has been completed and it is unlikely the facility will be certified until this confirmation has been received.

Requirements for a Physical Containment Level 2 Arthropod Facility

Please tick the appropriate answer or provide the requested information for the following questions, which relate to the conditions applying to the specified PC2 Arthropod Facility.

Section 1 – Facility requirements

Please answer all questions in this section.

Requirement 2. The **facility** must be a fully enclosable space contained within walls, doors, windows, floors and ceilings. Doors and windows must be lockable.

Q. 2.1 Does the facility comply with requirement 2?

Yes

No - please explain the reasons for non-compliance and details of EITHER any actions being taken to rectify the situation OR reasons why an exemption may be justified.

Requirement 3. Any joints between structural components of the **facility** must be sealed with a material that cannot be penetrated by the genetically modified organism ('GMO') being contained.

Q. 3.1 Does the facility comply with requirement 3?

Yes

No - please explain the reasons for non-compliance and details of EITHER any actions being taken to rectify the situation OR reasons why an exemption may be justified.

Requirement 4. Any openings in the walls, ceiling or roof, such as air vents, must be screened with mesh that has an aperture size small enough to prevent the escape of the GM arthropods being contained in the **facility**.

Q. 4.1 Does the facility comply with requirement 4?

Yes

No - please explain the reasons for non-compliance and details of EITHER any actions being taken to rectify the situation OR reasons why an exemption may be justified.

Requirement 5. The **facility** must have an anteroom, except if the **facility** is used to contain only non-infected *Drosophila melanogaster*. Entry to the **facility** must be through the anteroom. The anteroom and work area(s) must have mechanisms and/or procedures in place to control arthropods that may escape from their primary containers. An adjoining **facility** certified by the Regulator to PC2 may operate as an anteroom provided the adjacent PC2 **facility** employs measures to monitor and control escaped arthropods.

If the **facility** will be used to contain only non-infected *Drosophila melanogaster*, the function of the anteroom may be fulfilled by other rooms or corridors (whether or not certified by the Regulator), provided the doors and windows of these other areas are closed or screened. The work area, and any other space serving as the anteroom, must have measures in place to control escaped *Drosophila melanogaster*.

Q. 5.1 Is this requirement relevant to the facility?

Yes. Answer 5.2

No. Continue to Requirement 6

Q. 5.2 Does the facility comply with requirement 5?

Yes

No - please explain the reasons for non-compliance and details of EITHER any actions being taken to rectify the situation OR reasons why an exemption may be justified.

Requirement 6. All **facility** access doors must be self-closing. When shut, the doors must be capable of preventing the escape of the GMOs being contained in the **facility** (e.g. by the use of seals on all edges of doors). Emergency exits must not be used except in emergencies.

Q. 6.1 Does the facility comply with requirement 6?

Yes

No - please explain the reasons for non-compliance and details of EITHER any actions being taken to rectify the situation OR reasons why an exemption may be justified.

Requirement 7. If the **facility** has drainage exits, they must be fitted with barriers (e.g. floor wastes or plugs) to prevent rodents or any other pests from entering the **facility** via the drains. If the drains do not have traps (e.g. "s" traps or "p" traps permanently filled with water) the barriers on the drains must also be able to prevent the escape of the GMOs being contained in the **facility**.

Q. 7.1 Is this requirement relevant to the facility?

Yes. Answer 7.2

No. Continue to Requirement 8

Q. 7.2 Does the facility comply with requirement 7?

Yes

No - please explain the reasons for non-compliance and details of EITHER any actions being taken to rectify the situation OR reasons why an exemption may be justified.

Requirement 8. Open spaces between and under benches, cabinets and equipment must be accessible for cleaning.

Q. 8.1 Does the facility comply with requirement 8?

Yes

No - please explain the reasons for non-compliance and details of EITHER any actions being taken to rectify the situation OR reasons why an exemption may be justified.

Requirement 9. If the work in the **facility** will involve GM pathogens, or there will be hand contact with any stage of the life cycle of GMOs that could persist on the hands after exit from the **facility**, the **facility** must contain either a wash basin fitted with tap(s) of the hands-free operation type or some other means of **decontaminating** hands.

Q. 9.1 Is this requirement relevant to the facility?

Yes. Answer 9.2

No. Continue to Requirement 10

Q. 9.2 Does the facility comply with requirement 9?

Yes

No - please explain the reasons for non-compliance and details of EITHER any actions being taken to rectify the situation OR reasons why an exemption may be justified.

Requirement 10. Where any device or system that may cause contamination of a potable water supply will be connected directly or indirectly to any part of a water service a risk assessment of the GMOs used in the **facility** must be undertaken to determine whether backflow prevention on the water supplied to the **facility** is necessary. The backflow prevention risk assessment must be provided with the application for certification.

If backflow prevention is necessary, then backflow prevention measures must be implemented in accordance with the requirements of Section 4 of Australian Standard/New Zealand Standard ('AS/NZS') 3500.1:2003 Plumbing and drainage - Part 1: Water services.

Q. 10.1 Is this requirement relevant to the facility?

Yes. Answer 10.2

No. Continue to Requirement 11

Q. 10.2 Does the facility comply with requirement 10?

Yes

No - please explain the reasons for non-compliance and details of EITHER any actions being taken to rectify the situation OR reasons why an exemption may be justified.

Requirement 11. If the work in the **facility** will involve GM pathogens, or there will be contact with any stage of the life cycle of GMOs that could persist on clothing after exit from the **facility**, then designated storage or hanging provisions for protective clothing must be available in the **facility**.

Q. 11.1 Is this requirement relevant to the facility?

Yes. Answer 11.2

No. Continue to Requirement 12

Q. 11.2 Does the facility comply with requirement 11?

Yes

No - please explain the reasons for non-compliance and details of EITHER any actions being taken to rectify the situation OR reasons why an exemption may be justified.

Section 2 – Containment equipment requirements

Please answer all questions in this section.

Requirement 12. To monitor for the presence of escaped arthropods, the work area(s) must be fitted with at least one arthropod trap effective for the GMOs being contained in the **facility**.

Q. 12.1 Does the facility comply with requirement 12?

Yes

No - please explain the reasons for non-compliance and details of EITHER any actions being taken to rectify the situation OR reasons why an exemption may be justified.

Section 3 – Capacity to comply with certification conditions

Please answer all questions in this section.

Requirement 13. The **facility** must be able to demonstrate that it is capable of complying with the conditions of certification that will be applied to a certified PC2 Arthropod Facility, as attached to the 'Requirements for Certification' in the *Guidelines for Certification of Physical Containment Facilities, PC2 Arthropod Version 2.1*.

Q. 13.1 Will the facility be capable of complying with the conditions of certification that will be applied to a certified PC2 Arthropod Facility?

Yes

No - please explain the reasons for non-compliance and details of EITHER any actions being taken to rectify the situation OR reasons why an exemption may be justified.