

Biological Safety Inspection Checklist

DRAFT

Area inspected: Containment Level 3 Suite, WTB Floor 1
Date of Inspection: 19/8/2009
Inspection Team: Lisa Grayson, Irene Blair

1. Facility

- a. Is the door to the facility appropriately labelled (i.e. biohazard & no access to cleaners)? **Yes**
- b. Is access to the facility restricted in any way? **Yes**
- c. What is the Hazard Group/Class of the work being done? **2 and 3 (derogated)**
- d. If mixed, how are areas/equipment used for different HG/Class of work identified?
Suites and/or cabinets and incubators are all clearly marked up with the names of the pathogens being used in them.

1. Questions for personnel:

- a. Have you read any risk assessments relating to your work? **Yes**
- b. Are you aware of the Safe Operating Procedures that apply to your work? **Yes**
- c. Who trained you when you first started work with cell cultures/biological material?
CL3 suite Biological Safety Officer

2. PPE

- a. Are lab coats available? **Yes**
- b. If yes, are they worn? **Yes**
- c. Which type of disposable gloves are available? **Nitrile**
- d. Are safety glasses readily available? **Yes**

3. Housekeeping & Hygiene

- a. Is the facility clean and tidy? **Reasonably**
- b. Is the wash-hand basin clean? **Yes**
- c. Are soap and paper towels available? **Yes**

d. Is an eye-wash readily accessible? **Yes**

e. Are reagents safely stored (check inside fridges)? **Yes**

4. Equipment

a. Are centrifuges clean and well maintained? **Yes**

b. If required, are aerosol containment canisters available? **Yes**

c. Are incubators clean and well maintained? **Yes**

d. Are culture vessels clearly labelled? **Yes**

e. Are microbiological safety cabinets clean and well maintained? **Yes**

f. Are they being used appropriately? **Yes**

5. Disinfection

a. Is 70% ethanol in use? **Yes**

b. Are the bottles properly labelled (i.e. 70% EtOH; Flammable)? **Yes**

c. Is 1% Virkon solution in use? **Yes**

d. Are the bottles properly labelled (i.e. 1% Virkon made up on dd/mm/yy)? **Yes**

e. Is the Virkon solution still pink? **Yes**

6. Waste

Is waste being disposed of/are waste receptacles being used appropriately?

a. Sharps **Yes**

b. Large plastic pipettes **Yes**

c. Large glass pipettes **N/A**

d. Solid autoclavable waste **Yes**

e. Liquid waste **Yes**

f. Agar plates **N/A**

g. Blood/tissue **Yes**

h. Is there a designated area for storing small items to be uplifted for autoclaving? **Yes**

i. Are the items stored so as to prevent breakage/spillage (e.g. in a plastic tub)? **Yes**

7. Other

- a. Is a spill kit readily available? **Yes**
- b. Is the spill SOP on display? **Yes**
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8. Action and Additional Comments

Very high safety standards maintained throughout the suite. Excellent staff training program and effective communication of risk assessments and SOPs. Only a couple of minor points requiring attention:

1. List of emergency contacts on suite door and in anteroom is out of date. List of First Aiders in airlock is out of date. List of users in anteroom is out of date.

Lab Manager to replace the above with up to date versions.

2. It was unclear as to whether the regulator attached to the small nitrogen cylinder in the Biomanipulation Room is in date and annually checked.

Lab Manager to follow guidance on H&S Web Site at

https://secure.dundee.ac.uk/lifesciences/intranet/slsonly/safety/gas_safety/gas_home.htm#reg.