

CKDu Information and Research Centre

Standard Operation Procedure

Bio Safe

1. Introduction

1.1. Purpose

To describe a procedure for cleaning and operation of the biosafety cabinet.

1.2. Scope

Applicable to Bio Safe located in CKDu Centre.

2. Materials

- Bio Safe

3. Procedures

3.1. General cleaning procedure

- Ensure that the power supply of the biosafety cabinet is switched OFF.
- Dedust the biosafety cabinet daily externally with a clean dry cloth.
- Once in a week remove adhered dust by wet mopping using soap solution. Afterward, wipe the surface with a clean dry cloth to remove the moisture.
- Once in a month mop the interior surfaces with a clean dry cloth.
- Clean the inner surface of the biosafety cabinet with 70 % IPA before and after use.

3.2. Operating procedure

- Ensure that the bio safety cabinet is properly connected to the power supply.
- Switch 'ON' the main switch and then the cabinet switch.
- Work in the bio safety cabinet for the required time and clean the equipment after work.
- Clean the equipment with the IPA 70 %.

Limit movement in and out of the BSC. Repeated movement of arms into and out of the cabinet can disrupt airflow and affect cabinet performance. It is advisable to use a checklist to ensure that all necessary items for a specific activity have been placed in the cabinet prior to starting a procedure.

