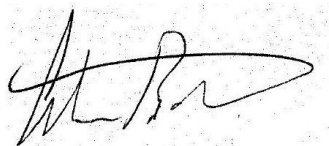


## HOW TO USE CO2 CHAMBER

**SOP No:** MSAH #37  
**Prepared by:** Pacita Wissell  
**Version:** C  
**Reviewed:** 9/12/2010  
**Authorised By:** Andrew Bartlett, Manager

**Signed:**



1. Place cage of animals into chamber and close lid
2. Turn cylinder on by fully opening valve (anticlockwise)
3. Turn up flow meter to 8.5 litres (rate of fill at 20% for a chamber size of 49x35x24cm per minute)
4. Completely fill up the empty chamber with CO2 (should take approximately 5 minutes)
5. Turn off the cylinder and release pressure by not turning down the flow meter
6. Once the lines are clear, turn the flow meter down to 0.
7. Before disposing of carcasses, ensure animals are dead by feeling for a heart beat and/or cervical dislocation
8. Clean down the CO2 chamber with F10 disinfectant.

If further information is required on Humane Killing refer to *Part III, Humane Killing and Euthanasia, Guidelines to Promote the Wellbeing of Animals Use for Scientific Purposes*,  
[www.adelaide.edu.au/ANZCCART](http://www.adelaide.edu.au/ANZCCART)

*Endorsed by the AEC at its meeting on 9.12.10*