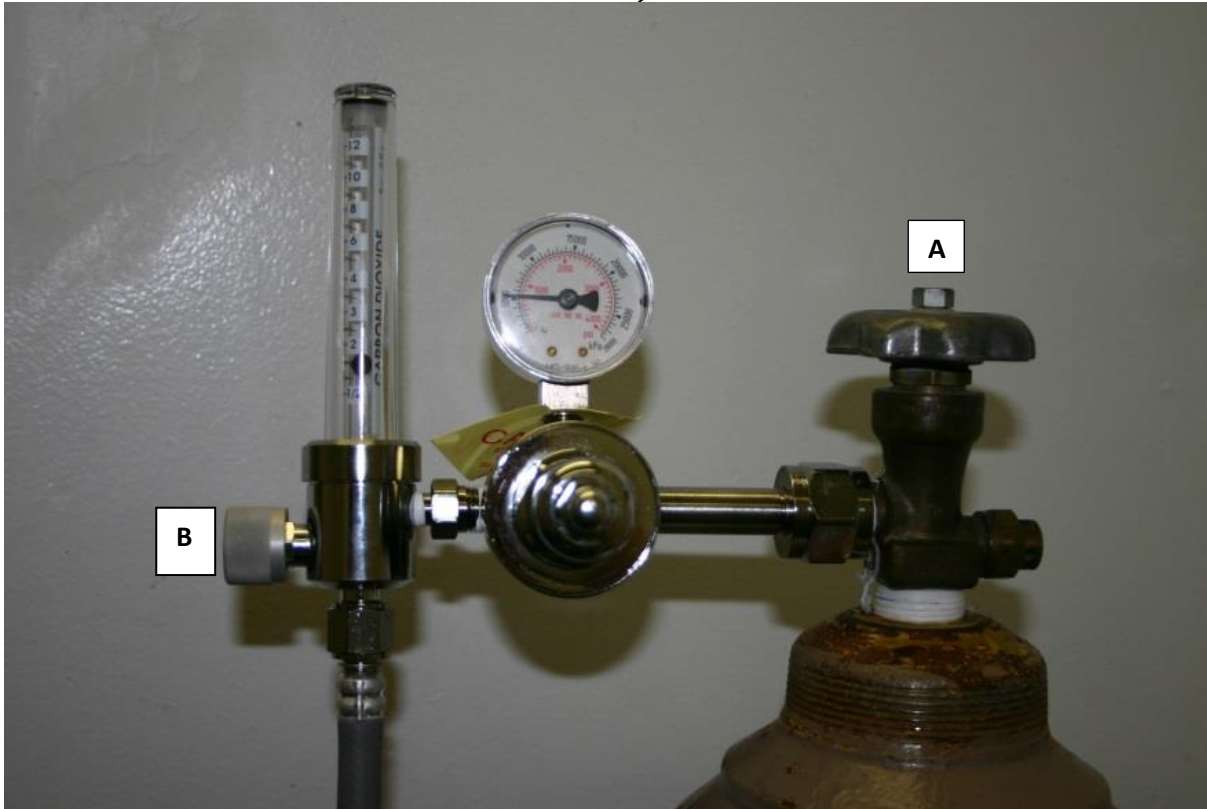


*****CO2 Euthanasia of Rodents*****

This CO2 unit has been fitted with an adjustable flowmeter.



1. Turn on the CO₂ canister valve (A). Look for a pressure reading.

2. Turn (B) to adjust the flowmeter to the appropriate flow listed below.

Mouse cage	2.5-5 LPM
Rat cage	10-15 LPM

3. Respiratory arrest usually takes **3 or more minutes**. After 3 minutes, check for respiratory and cardiac arrest and then maintain the animal under CO₂ for at least 1 additional minute after respiratory and cardiac arrest. In accordance with IACUC policy, death of the animal must be confirmed by physical examination or by an adjunctive physical method (cervical dislocation or bilateral thoracotomy).

4. Following death, the flowmeter and gauge should all be turned to the off position.