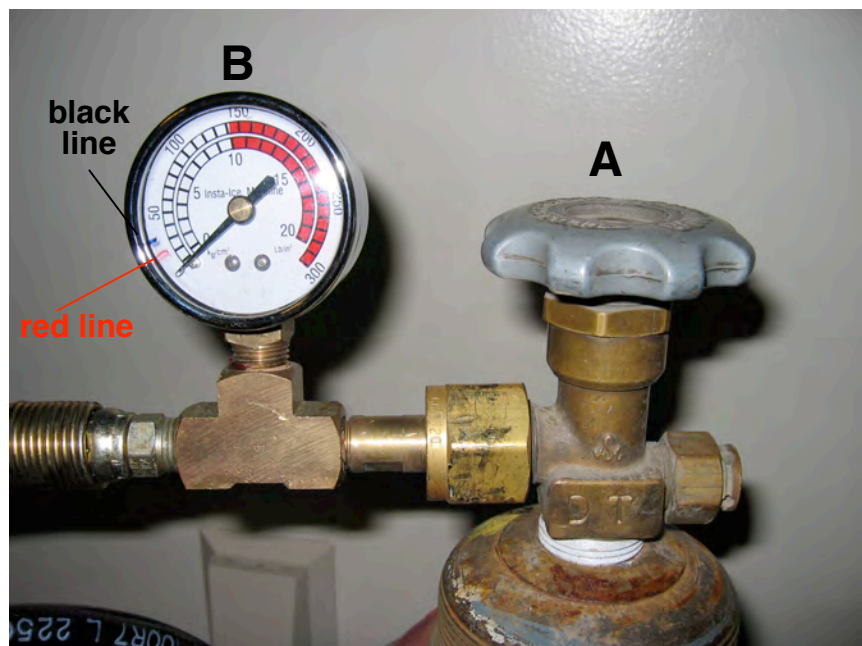
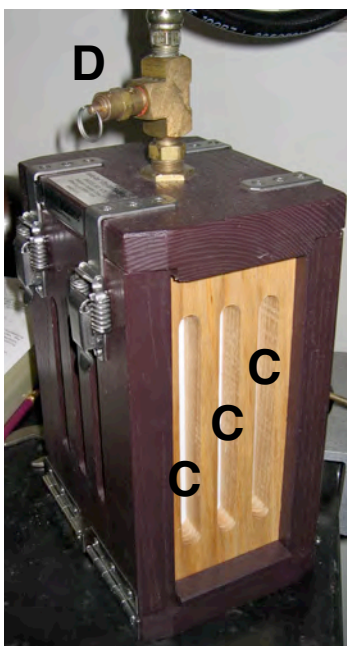


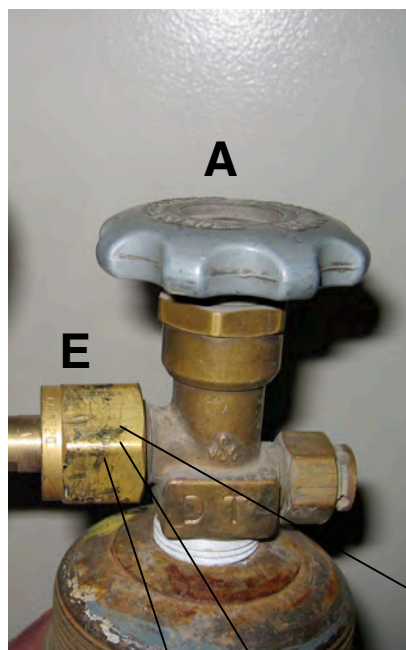
Instructions for Making Dry Ice

- 1) Goggles and insulated gloves must be worn at all times.
- 2) Make sure the wooden box is assembled and that all the clips are secure.
- 3) Turn the main valve (**A**) counterclockwise to deliver CO₂ to the box. At first, only allow the needle on the pressure gauge (**B**) to reach the red line. This allows cold CO₂ gas to precool the box (it uses up less CO₂ in the long run). *Note: if this is your second or third, etc. consecutive block of dry ice, precooling is unnecessary (go on to step 4).*
- 4) After the box has cooled a bit (20-30 s), increase the CO₂ flow such that the needle on **B** is at the black line (or even a little higher). At this point, a white mist will be seen streaming from the white panels of the box (**C**), moving upward with time.
- 5) Eventually, the mist will reach the top of the box and will spout forth from the pressure valve (**D**) located atop the box. Do not be alarmed, this is normal (and is accompanied by a hideously loud noise!). Your dry ice is ready. Shut valve **A** by turning clockwise.
- 6) Disassemble the box and remove your dry ice. Please reassemble the box for the next person.



Instructions for Changing the CO₂ Tank

- 1) Goggles must be worn at all times.
- 2) When the tank is empty, obtain a new tank from the storeroom. Note: there are 2 types of CO₂ tanks. You must use a “syphon type” tank (designed to deliver liquid CO₂ rather than gaseous CO₂). Syphon tanks are easily identified by the **red paint** at the top of the tank.
- 3) Make sure the main valve (**A**) is closed (turned fully clockwise). Use a wrench to disassemble the connector (**E**) by turning counterclockwise. There is a white washer (**F**) that must always accompany the connector. Watch for it, as it may fall out onto the floor.
- 4) Remove the empty tank and reconnect the apparatus to the new tank. Before reconnecting make sure **F** is inserted in **E**.



Correct Tank



Incorrect Tank

