Compressed gas cylinders are used for various operations in the lab. Tanks are in use in CD 186J,K,N; CD 055, 056, 076.

Compressed gas cylinders present hazards due to the volume and pressure of the gas contained. Leaking or vented inert gas can displace breathing air. This SOP is for CO2, N2, carbogen, oxygen, Ar, He.

Eye protection. Lab coat and gloves may also be desirable.

Test fittings and connections for leaks using dilute, soapy water. Verify that regulators are working properly.

Cylinders must be fastened securely at all time whether in use, transit, or storage. Safety caps must be in place during transit and when tanks are not in use. Tank carts are kept in CD 186F.

Close tank valve if it is safe to do so. Contact EH&S @ 3-0467 for persistent leaks. Avoid all sources of ignition when using oxygen in conjunction with anesthesia (CD 055). Have fume scavenger in place.

Empty cylinders should be returned to CD 186F for pickup by U.C. Stores.


<table>
<thead>
<tr>
<th>#9 Approval Required</th>
<th>YES:</th>
<th>Blocks #9 to #11 are Mandatory</th>
</tr>
</thead>
<tbody>
<tr>
<td>#10 Decontamination</td>
<td></td>
<td></td>
</tr>
<tr>
<td>#11 Designated Area</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Name: E.W Rubel
Title: 
Signature: 
Date: Jan. 30, 2004

Environmental Health and Safety, Box 354400 *to be filled in by PI or Supervisor