

Emergency Air/Oxygen Backup

Purpose: In the event of an emergency loss of air and oxygen to the NICU, the following basic procedure is to be followed.

Description: During such an emergency, the gas line alarms inside mission control will alarm. This means that the working pressures of these gases has dropped below the requirement for usage of our equipment in the NICU. The ventilators will also alarm. The system is automatic. The emergency air/O₂ regulators are programmed to deliver the needed medical gas at 45 psi. This is below the zone valve alarm limit so that the alarm will continue to sound until the original problem is resolved.

Procedure:

1. Call Physical Plant immediately at ext. 6319 (8a-5p Monday-Friday) or call the switchboard and ask them to alert physical plant of the problem and to have them check the storage tanks.
2. When the problem has been resolved, the pressures will rise above what is required and the alarm will stop.
3. Communication with Physical Plant should be continued until the problem has been solved.

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