

VALLEYCARE
OLIVE VIEW-UCLA MEDICAL CENTER/HEALTH CENTERS
DEPARTMENT: FACILITIES
POLICY & PROCEDURE

NUMBER: 652
VERSION: 1

SUBJECT/TITLE: GAS CYLINDERS – PREVENTIVE MAINTENANCE

POLICY: Gas System Sources – Cylinders or supply containers shall be tested and maintained in accordance with the U.S. Department of Transportation and NFPA specifications and regulations.

PURPOSE:

DEPARTMENTS: FACILITIES

DEFINITIONS:

PROCEDURE: Cylinder contents shall be identified by attached labels or stencils naming the components and giving their proportions. Labels shall not be defaced, altered, or removed.

Storage Requirements – Nonflammable Gases – Sources of heat in storage locations shall be protected or located so that cylinders or compressed gases shall not be heated to the activation point of integral safety devices. In no case shall the temperature of the cylinders exceed 130°F.

Enclosures shall be provided for supply systems cylinder storage or manifold locations for oxidizing agents such as oxygen and nitrous oxide. Such enclosures shall be constructed of an assembly of building materials with a fire-resistive rating of at least 1 hour and shall not communicate directly with anesthetizing locations.

Provisions shall be made for racks or fastenings to protect cylinders from accidental damage or dislocation.

Combustible materials, such as paper, cardboard, plastics, and fabrics shall not be stored or kept near supply system cylinders or manifolds containing oxygen or nitrous oxide.

Containers shall not be stored in a tightly closed space such as an unvented closet.

Cylinders containing flammable gases and containers of flammable liquids shall

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be kept out of proximity to cylinders containing oxidizing gases through the use of separate rooms.

Cylinder Systems without Reserve Supply – These systems should be checked daily to assure that proper pressure is maintained.

Cylinder Supply Systems with Reserve Supply – These systems should be checked daily to assure that proper pressure is maintained and that the changeover signal has not malfunctioned. Annual retesting of the operation of the reserve and activation of the reserve-in-use signal should be performed.

All gas storage areas are to be kept clean, and free of storage.

References:	
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