

ASHE/NFPA Medical Labeling Guide



Improve safety and efficiency with the DuraLabel® LabPRO medical label and sign printer

To help provide patients with the best possible care, organize your medical facility with the DuraLabel LabPRO. Quality labels and signs will help your medical team ensure the facility they work in is safe, code-compliant and organized for maximum efficiency.

The DuraLabel LabPRO prints everything from wayfinding and HazCom signs to barcoded labels. This way critical information is easy to see and locate.

The DuraLabel LabPRO is like no other barcode and label printer on the market. That's because it prints "application-specific" labels and signs. Everything from chemically exposed slides to facility pipes can now be labeled for lasting service in harsh environments and with a professional look.



Medical Label Applications:

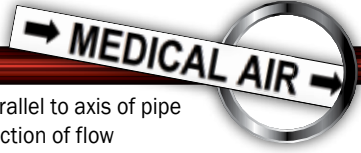
- Medical Pipe Markers
- Compressed Gas Cylinders
- Valve Tags
- Vessels
- Tanks
- Syringe Labels
- Surgery Room Labels
- Hazardous Waste
- Medical Devices/Equipment
- Chemical Container Labels
- Non-Hazardous Waste Labels
- Inspection Labels
- Radiation
- Biohazards
- Chemical Storage Areas
- Anesthesia Labels
- Formaldehyde Labels
- Fire Extinguishers
- "Sterile" Labels w/ Lot Number
- Equipment Operating Labels
- Emergency Eyewash Stations
- Petri Dish Labels
- Calibration Data Labels
- Restricted Area Labels
- Wire/Cable Markers
- Aisle Markers & Arrows
- Shelf Labels
- Wordless Placards
- Liquid Nitrogen Labels
- Safety Labels
- Static Sensitive Devices
- Wayfinding



1-800-788-5572
International: +1 503-644-5572 | info@GraphicProducts.com
www.GraphicProducts.com | www.DuraLabel.com
© 2009 Graphic Products, Inc.

Medical Facilities are required to use labels according to NFPA codes

NFPA states:



NFPA 99 5.1.11 - Labels for Piping & Manifolds

- All medical gas piping and manifolds should be permanently marked to identify the gas they carry or control
- Labels should be at no greater than 20 ft. intervals and at every change in direction
- Before and after barriers, behind access doors, at inlets, outlets and vertically at every floor
- Posted on access doors and enclosures containing medical gases, valves, or components
- Lettering at least 3/8 in. high and parallel to axis of pipe
- Labels should state: type of gas, direction of flow (use arrows) and working pressure (only if non-standard)
- Underground piping outside of building should be identified (by content name) with a marker placed immediately above the pipe or its enclosure and also with a continuous warning provided above the pipeline at approximately one-half the depth of bury (5.3.10.10.8)



NFPA 99 5.1.11 - Labels for Valves

All medical gas valves should be labeled indicating:

- Type of gas
- The identification of the source valve, main line valve and riser for service (area served/controlled)
- The identification of the shutoff valve for location or zone
- Message: "DO NOT OPEN OR CLOSE VALVE EXCEPT IN AN EMERGENCY"
- Text should be at least 3/8 in. high
- The operating pressure for non-standard pressures

Message Options:

- "SOURCE VALVE FOR THE (source name)"
- "MAIN LINE VALVE FOR THE (gas/vacuum name) SERVING THE (name of building)"
- "RISER FOR THE (gas/vacuum name) SERVING (name of area/building served by the particular riser)"
- "SERVICE VALVE FOR THE (gas/vacuum name) SERVING (name of area building served by the particular valve)"



NFPA 99 5.1.3.1.2 - Labels for Cylinders

- Should be labeled according to CGA C-7, Guide to the Preparation of Precautionary Labeling and Marking of Compressed Gas Containers
- Liquid containers shall have additional product identification visible from all directions with a minimum of 51 mm (2 in.) high letters such as a 360 degree wraparound tape for medical liquid containers

NFPA 99 9.4.4.1 - Door Signs for Oxidizing Gases (including Oxygen, Nitrous Oxide, etc)

- Message: "CAUTION OXIDIZING GAS(ES) STORED WITHIN NO SMOKING"
- Readable from a distance of 5 ft. (1.5 m)
- A minimum of 7/16 in. high text is required



NFPA 99 5.1.3.1.6 - Door Signs for Only Medical Air or Oxygen Gases

- Message: "CAUTION MEDICAL GASES NO SMOKING OR OPEN FLAME"



NFPA 99 5.1.3.1.5 - Door Signs for Gases Other Than Oxygen & Medical Air

- Message: "CAUTION MEDICAL GASES NO SMOKING OR OPEN FLAME ROOM MAY HAVE INSUFFICIENT OXYGEN OPEN DOOR AND ALLOW ROOM TO VENTILATE BEFORE ENTERING"

NFPA 99 9.6.3.1 - Gas Equipment Use Labeling

- Equipment listed for use in oxygen-enriched atmospheres shall be marked
- Oxygen-metering equipment and pressure-reducing regulators shall be conspicuously labeled
- All labeling shall be durable and withstand cleansing or disinfection
- Message: "OXYGEN -- USE NO OIL"



NFPA 99 11.7.2 - Labels for Flammable and Combustible Liquid Storage in the Laboratory

- The outside door of refrigerators shall be labeled to denote whether or not they are acceptable for storage of flammable liquids
- If the refrigerator is not listed for the purpose, the warning shall be worded to prohibit all storage of flammable liquids



NFPA 99 11.8.2 - Labels for Identification of Hazards in the Laboratory

- All doors leading to laboratories in health-related facilities shall be marked with signage indicating the fire hazards of materials when significant quantities, as defined below, are intended to be used within the area.

For signage purposes, "significant quantities" in an area shall include any of the following:

- (1) Hazardous materials in glass containers that are 3.8 L (1 gal) in size or larger
- (2) Compressed gases or cryogenic liquids in containers that are greater than 12.7 cm (5 in.) in diameter and 38 cm (15 in.) in length
- (3) Dry hazardous chemicals in containers in excess of 2.27 kg (5 lbs)
- (4) Aggregate quantities of hazardous materials exceeding 91 kg (200 lbs) or flammable liquids exceeding 38 L (10 gal)

- All doors leading to laboratories, laboratory work areas, and laboratory storage areas shall be identified with signs to warn emergency response personnel of unusual or severe hazards that are not directly related to the fire hazards of contents

