



City of Kingman  
Fire Prevention Division, Kingman Fire Department  
International Fire Code (IFC) 2006, KFD-30

## MEDICAL GAS CHECKLIST

1. Provide dedicated storage location of medical gas containers without other storage or uses. **IFC 3006.2**
2. Provide a 1-hour exterior room enclosure separated from the rest of the building when medical gas quantities are greater than the permitted amount. **IFC 3006.2**
  - a. If there are openings between the room or enclosure and the interior spaces. Provide self-closing smoke and draft assemblies having a fire protection rating of not less than one hour.
  - b. Provide a minimum of one exterior wall that will have not less than two (2) 36 square inch vents.
  - c. Show vent locations to be one at 6 inches off the floor and the other at 6 inches off the ceiling.
  - d. Provide at least one fire sprinkler head within this room (If sprinklers are required).
3. Provide a 1-hour interior room when medical gas quantities are greater than the permitted amount (**IFC 3006.2.2**).
  - a. If an exterior wall cannot be provided for the room provide automatic sprinklers within the room (If fire sprinklers are required).
  - b. Provide a duct to the exterior for this storage room.
  - c. Provide makeup air to this room from the exterior.
  - d. Provide a one-hour shaft enclosure for both separate air streams (items b and c).
  - e. Mechanical ventilation shall be in accordance with the Mechanical code providing a minimum rate of 1 cubic foot per minute per square foot of the area of the room.
4. Gas cabinets shall be in accordance with the following (**IFC 3006.2.3 AND 2703.8.6.2**):
  - a. Operated at a negative pressure in relation to surrounding area (**IFC 2703.8.6.2**).
  - b. Provided with a self-closing limited-access ports or noncombustible windows to give access to equipment controls. (**IFC 2703.8.6.1**)
  - c. Connected to an exhaust system. (**2703.8.6.1**) (**IFC 3006.2.3 #2**)
  - d. Provide a self-closing door. (**IFC 2703.8.6.1**)
  - e. Constructed of not less than 12 gage steel. (**IFC 2703.8.6.1**)
  - f. Internally sprinklered. (**IFC 3006.2.3 #3**)
5. Specify on plans level and type of medical gas system is per NFPA 99/3.390 THRU 3.395.

**MEDICAL GAS INSTALLATION SHALL MEET ALL REQUIRED FIRE CODE SECTIONS ABOVE AS WELL AS NFPA 99 STANDARDS WITH ALL SUBSECTIONS.**

