

Q: Is your Facility prepared for a Construction Mishap, Terrorist Act or Natural Disaster that would compromise your Medical Oxygen System?

Q: Is your Facility prepared for a Mass Casualty situation?



No? Then let



be your solution.

with our

OXY-LIFELINE[™]

Joint Commission and **NFPA** require that all health care facilities have a plan to cope with the complete loss of any medical gas system.

The **OXY-LIFELINE™** helps to meet these requirements as detailed in the Joint Commission Environment of Care News. (Jan 2010)

NFPA 99 Healthcare Facilities 2005 Edition

Chapter 9-Gas Equipment

- **Paragraph 9.9.1.3 Policies for enforcement shall include the following:**
 - (4) The capability and resources of the organization to cope with a complete loss of any medical gas system.

Chapter 12-Health Care Emergency Management

- **Paragraph 12.3.3.2 Continuity of Essential Building Systems**

When designated by the emergency operations plan to provide continuous service in a disaster or emergency, health care facilities shall establish contingency plans for the continuity of essential building systems, as applicable:

- (6) Medical Gas and Vacuum Systems (if applicable)

Q: Does your **Emergency Preparedness Plan have a provision to deal with a breach in your underground **Main Oxygen Piping**?**

Q: Does your **current supplemental medical gas system give you more than a few hours of service without being resupplied with **costly mobile units**?**

Q: Does your system allow you to **access the ample supplies of gas stored on site **in your bulk tanks**?**

Solution: The **OXY-LIFELINE™**

What is the **OXY-LIFELINE™** and how does it work?



The **OXY-LIFELINE™** is a rapidly deployable system that can supply your facility with uninterrupted service by taking advantage of gas supplies that you already have on site.



The **OXY-LIFELINE™** will allow your facility to operate as normal in an emergency without straining available manpower by having to relocate patients, or rely on suppliers with portable tanks that maybe hours away.

The **OXY-LIFELINE™** can be deployed in minutes by 1-2 personnel. It can supply uninterrupted service while repairs are made to your main line.



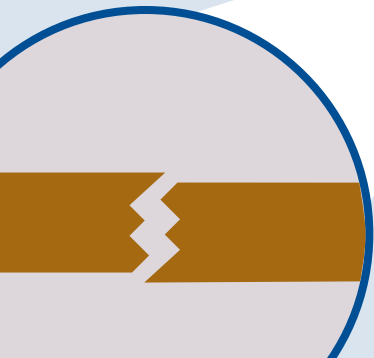
The **OXY-LIFELINE™**

Q: How does the *OXY-LIFELINE™* connect to the bulk tank at my facility?

BULK OXYGEN TANK



The *OXY-LIFELINE™* will be customized to your tank with fittings that will remain permanently in place which will allow for rapid deployment in an emergency.



If the underground line were to suffer damage due to a Construction Mishap, Terrorist Act or Natural Disaster the Oxygen would not be able to enter the hospital at all. This is when the **OXY-LIFELINE™** would be deployed.

Q: How does the **OXY-LIFELINE™** connect to my Emergency Low Pressure inlet?

A custom fitting will be supplied to make the necessary connections to your emergency low pressure inlet. These fittings will remain in place to facilitate rapid deployment.

HOSPITAL

Once connected to your bulk tank the **OXY-LIFELINE™** can be deployed along any designated route. Drive Over Plates will be required where traffic may pass over and damage the **OXY-LIFELINE™**



MASS CASUALTY

MASS CASUALTY TENT



Custom Built Interface
for Patient Connection

Powder Coated
Drive Over Plates.



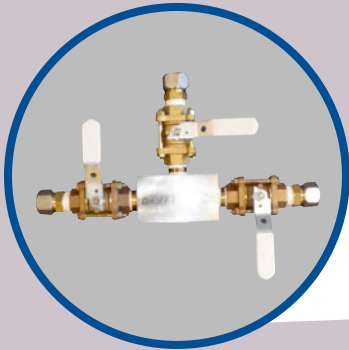
DRIVE OVER PLATES
(Custom Colors Available)

HOSPITAL



Q: Can the ***OXY-LIFELINE™*** be used simultaneously for Mass Casualty and supplying the facility?

A: Yes, the ***OXY-LIFELINE™*** can feed more than one location utilizing our custom built manifolds.



Custom Built Manifold
for Multiple Connections

**BULK OXYGEN
TANK**



The **OXY-LIFELINE™** system includes the following components:



OXY-LIFELINE™
Roll Out Cart

Used for rapid deployment and safe storage of the **OXY-LIFELINE™**, Drive Over Plates (holds up to 6), Maxtec Oxygen Analyzer, Wrenches, Gloves and Custom Cover.



OXY-LIFELINE™ Drive Over Plates

Drive over plates are specifically engineered and designed to work with the **OXY-LIFELINE™** system to protect it from traffic that may pass over and damage the **OXY-LIFELINE™**.



The Maxtec Oxygen Monitor is part of the **OXY-LIFELINE™** system and is required to verify purity of the Oxygen prior to opening the emergency inlet valve at the building

Maxtec Oxygen Monitor

The complete **OXY-LIFELINE™** system includes a Custom Cover, lockable tool tray for the oxygen monitor, wrenches, gloves, misc. fittings and convenient storage for up to six Drive Over Plates.



OXY-LIFELINE™ Roll Out Cart Custom Cover

ADDITIONAL ACCESSORIES

OUTDOOR STORAGE CONTAINER



Diamond Plate Aluminum Enclosure which allows the **OXY-LIFELINE™** to be stored in an outdoor location.

DRIVE OVER PLATE CART



Custom built Drive Over Plate Carts can be built to accommodate as many plates as required.

CUSTOM BUILT DISTRIBUTION MANIFOLDS



The **OXY-LIFELINE™** can deliver oxygen to multiple locations utilizing our Custom Built Manifolds.

MASS CASUALTY INTERFACE MANIFOLD

The **OXY-LIFELINE™** can be connected to the Mass Casualty oxygen supply equipment utilizing our custom built interface.



It is no longer a question of “if”, but “when”. Healthcare and emergency response organizations must prepare for disasters and mass casualty events. As shown by the tragedy of September 11, 2001 and predictions of natural emergencies such as the avian flu pandemic, victims and patients ranging from infant to adult could number in the thousands - and studies routinely predict shortages in equipment and consumables.

Organizations must:

- 1) Plan and stockpile for surge demands
- 2) Respond effectively upon occurrence
- 3) Ensure continuity and recovery

Finding sources to fund inventories of durable and consumable goods for surge capacity readiness is time-consuming and tedious, given the many organizations and procedures involved. Funds may be available from federal, state, foundation and even corporate sources. Consider contacting local health departments for funding opportunities or contact the nearest Metropolitan Medical Response System (MMRS) office.

The web sites listed below name organizations providing preparedness funding, assistance in researching and finding grants, sources of information regarding a variety of emergency situations (chemical, biological, nuclear, pandemic) and sources of training for managing emergency and disaster situations.

Sources of Grant Funds

Department of Health and Human Services - www.hhs.gov

Department of Homeland Security - www.dhs.gov

Department of Justice - www.usdoj.gov

Health Resources and Services Administration - www.hrsa.gov

National Institutes of Health - www.nih.gov

Emergency Preparedness Information Sources

Agency for Healthcare Research (US Department of Health & Human Services) - www.ahrq.gov

American Association for Respiratory Care - www.aarc.org

American College of Emergency Physicians - www.acep.org

American Public Health Association - www.apha.org

Centers for Disease Control and Prevention - www.cdc.gov

Chemical and Biological Arms Control Institute - www.cbaci.org

Federal Emergency Management Agency - www.fema.gov

Health Physics Society - www.hps.org

Homeland Security Institute - www.homelandsecurity.org

National Association of County and City Health Officials - www.naccho.org

National Institute for Occupational Safety and Health - www.cdc.gov/niosh

National Public Health Information Coalition - www.nphic.org

World Health Organization - www.who.org



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