

BENEFITS OF MILK CANNING LIQUID OXYGEN DELIVERY SYSTEMS

MILK CAN DELIVERIES

We recommend filling Liquid Oxygen Reservoirs at the Dealer's facility from a portable liquid oxygen supply container, similar to our Model LOX-220. The filled reservoir is then delivered to the patient. This is commonly referred to as "milk canning".

Filling Liquid Oxygen Breathing Systems at the patient's location from a permanently mounted bulk tank, installed in the Dealer's delivery truck should be avoided, because of safety and efficiency reasons summarized below:

SAFETY

- **CONTROLLED FILLING AREA**

The filling area environment at the patient's location is not always controllable by the Dealer. Filling at the Dealer's location would eliminate the potential hazard associated with filling containers at the patient's location over asphalt or oily cement, or from smokers in the area.

- **BETTER TRAINED FILLER**

By filling at the dealer's location, one or two well trained fillers can be used under office supervision, rather than training every new truck driver.

- **LESS LIQUID OXYGEN IN TRUCK**

By eliminating large storage tanks (118 gallons) in the truck, less liquid oxygen will be transported in the truck.

- **RESERVOIRS CAN BE TESTED**

Any operational problems with reservoirs would be known in advance and remedied before delivery to the patient.

EFFICIENCY

- **MORE DELIVERIES PER TRUCK**

You do not have to tie up a truck and driver while the storage tank is being filled or while the reservoirs are being filled at patient locations. This would approximately double the daily number of deliveries per truck. Estimated lost time to fill bulk tank- 60 minutes. Estimated lost time to fill at patient's location- 15 minutes per stop.

- **LESS LABOR**

A simple three valve manifold can be installed on our Model LOX-220 supply container allowing the Dealer to fill three reservoirs or portable containers simultaneously.

- **LOWER TRANSFER LOSSES**

The liquid oxygen loss rate is reduced when filling containers with a transfer line already cooled.

- **SMALLER TRUCKS**

Smaller trucks can be used to transport filled reservoirs, rather than larger storage tanks.

- **ELIMINATES STORAGE TANK**

The cost of larger storage tanks (118 gallons or larger) can be eliminated. Gas Distributors will provide liquid oxygen in rental tanks.

COST SAVINGS

The above mentioned points represent a savings in labor and product costs that Dealers should consider when planning their delivery operations .