

HOBIT Technical Safety Bulletin No. 3

SUBJECT: Shutting Down the Magellan Manifold System

Issue Date: 9/26/18



NOTICE:

The manifold system (Fig. 1) that supplies medical air and oxygen to the Magellan ventilator needs to be shut down in a specific order to ensure all gas lines and gauges are properly emptied.

Please refer to photos at the end of this bulletin.

Concern:

When the manifold system is not properly drained the gauge indicator needles (Fig. 2) can “stick” over time, making it difficult to adjust the gauge to the proper pressure when the manifold system is used next.

Proper Shutdown Procedure:

1. Turn **ON** the Magellan ventilator (if it has been turned off).
2. Turn **OFF** each of the high pressure cylinders with the stem valve (Fig. 3).
3. Wait for all five (5) gauge pressures to drop to zero or to their lowest point.
4. Turn **OFF** the Magellan ventilator.
5. Turn **OFF** the air and oxygen regulators (Fig. 2) so the handle is loose.
6. Turn **OFF** the oxygen blender small black regulator (Fig. 4).
7. Ensure the flow adjustment is left in the 100% position. (Fig. 5)
8. Turn **OFF** the HP gauge alarms on the air and oxygen regulators. (Fig. 6)

NOTE: Ensure that both **Reserve** air and oxygen cylinders are left with full pressures and that the **In-**
Use cylinders have a minimum of 1000 psi for the next use.

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Please post this near the Magellan manifold system.

Shutdown Procedure For the Magellan manifold System

1. Turn ON the Magellan ventilator.
2. Turn OFF each of the high pressure cylinders.
3. Wait for gauges to drop to zero or to lowest point.
4. Turn OFF the Magellan ventilator.
5. Turn OFF air and oxygen regulators to the loose position.
6. Turn OFF small black regulator on oxygen blender.
7. Ensure the flow adjustment is left in the 100% position.
8. Turn OFF the HP gauge alarm for air and O2.

(Ref: HOBIT Trial TSB No. 3)

Please contact me with any concerns or questions.

Thank you,

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FIGURE 1 MAGELLAN MANIFOLD SYSTEM



FIGURE 2 HIGH PRESSURE REGULATOR GAUGES

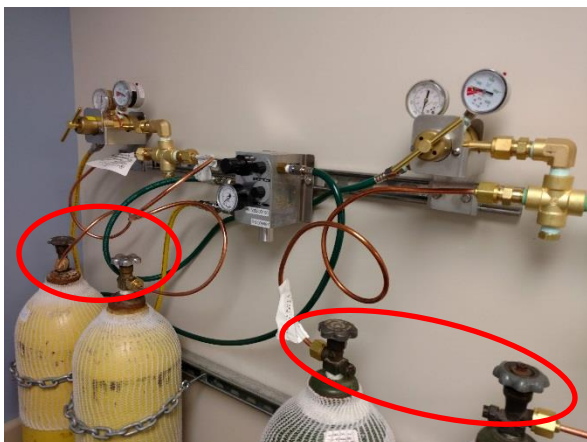


FIGURE 3 HIGH PRESSURE (HP) STEM VALVES



FIGURE 4 WITT BLENDER ADJUSTABLE REGULATOR



FIGURE 5 WITT BLENDER ADJUSTABLE FLOW CONTROL

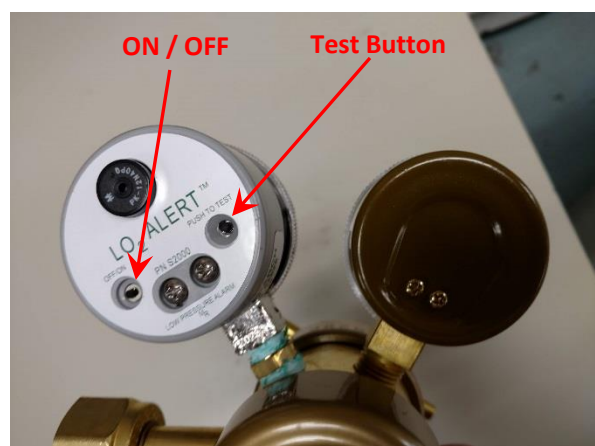


FIGURE 6 BACK VIEW OF GAUGE ALARM