



## SR-100 USER NOTICE

Thursday, February 25, 2010

Through its quality control program, CSE Corporation identified a possible issue with a component part to its SR-100 involving a shipment of oxygen cylinders from its supplier. CSE is investigating the potential that the breathing bag in the affected SR-100 units may receive less than the optimum amount of oxygen necessary for full inflation, if the unit is started with the oxygen cylinder.

The SR-100 primarily uses a chemical process to generate the oxygen needed for the 60 minute supply provided by the unit. There are two methods for activating the SR-100. The oxygen cylinder is designed to inflate the breathing bag when the user pulls the large fluorescent orange oxygen actuator tab while donning the SR-100. In the event the compressed oxygen starter does not activate or the oxygen vents through the mouthpiece because the plug is left out of the mouthpiece during activation, the unit is designed to be quickly started manually. Instructions for the manual start are included in the SR-100 user manual and training materials, and are part of the required quarterly training for users. The manual start procedures are provided below.

**If for any reason a unit does not inflate the breathing bag, the user should don another unit if one is readily available.** If a second unit is not readily available, the manual start should be used.

CSE is continuing to investigate this matter to determine if any units in the field may be affected. CSE will be contacting any customer that may have purchased a unit required for our continued research. In the meantime, any questions may be directed to our customer service representatives at 412-856-9200.

## MANUAL START PROCEDURES

The user can easily confirm that the oxygen starter system has released oxygen into the breathing bag by two observations.

Once the Oxygen Actuator has been pulled the user will hear a faint hiss of the oxygen being released from the bottle into the unit for a few seconds.

Second and more noticeable indication, the user will see the breathing bag fill as long as the mouthpiece plug is still inserted into the mouthpiece.

In the event the compressed oxygen starter does not activate or the oxygen vents through the mouthpiece because the plug is left out of the mouthpiece during activation, the user should manually start the unit.

1. Remove the Mouthpiece from your mouth. The nose piece should remain attached to the nose.
2. Inhale ambient air through the mouth.



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3. Exhale into the mouthpiece to begin inflating the breathing bag.
  4. Repeat this process 3 to 6 times until the breathing bag is full.
  5. Continue with the 3+3 Donning Procedure.
  6. Begin the egress by moving at a moderate work rate, allowing the breathing bag to inflate with the excess oxygen. Once the bag is full, you can then increase your egress to a more normal rate.