



*Instructions: Insert the following paragraphs into your specifications to ensure that your new apparatus is equipped with class 1 components*

## **Oxygen Minder**

Instrumentation: Oxygen Level Monitor

Each ambulance (vehicle) shall be equipped with a Class 1 Oxygen Minder mounted on the action wall. The oxygen minder system shall monitor on-board oxygen supplies and display relative bottle level in the patient care area visible to the EMT.

The Oxygen Minder will also provide visual and audible warning at low bottle levels.

The Oxygen Minder system shall include:

1. An indicating pressure transmitter gauge to be mounted on the high pressure side of the on-board oxygen bottle regulator. The gauge range is to be 0 to 3000 PSI. The gauge dial is to be 2 inch, with black markings on a white background and shall include the words "use no oil" printed in red. The gauge shall have been cleaned for oxygen service prior to installation.
2. The remote display shall be a durable housing containing a bright red LED vertical scale reading 0-100. The scale shall be labeled "% Oxygen Remaining".
3. Appropriate wires and connectors to hook up the display to the pressure transmitter/gauge on the regulator and to the vehicle's 12-14 volt electrical system. The vertical LED % scale on the display shall indicate the relative amount of oxygen remaining in the tank. As oxygen is used, the bars will remain lit. At this point, the remainder of the scale will begin to flash as a low level visual warning. At 10% pre-set bottle capacity, two bars will remain lit, the balance of the scale will flash, and an audible alarm will sound.