

## **Anesthesia Machine Checklist for Mobile S/N Environments**

### **1. Check oxygen supply**

- Full E & H Tank pressure around 2000 psi
- Full E tank contains ~ 700L; Full H tank contains ~7000L
- Assess function of oxygen concentrator (machine-side or central)

### **2. Turn on flowmeter**

- Flowmeter knob should turn smoothly
- Bobbin should move through tube easily and spin

### **3. Check inhalant level in vaporizer**

### **4. Check color of CO<sub>2</sub> absorbent**

### **5. Decide which breathing circuit will be used and make certain all attachments are correct**

#### **Pressure check nonrebreathing circuit**

- Attach small rebreathing bag to patient end of circuit
- Close pop-off valve
- Turn on flow meter & fill reservoir bag
- Turn off O<sub>2</sub> flow and make sure both bags remain inflated

#### **Pressure check rebreathing circuit**

- Close pop-off valve
- Attach small rebreathing bag to patient end of circuit
- Pressurize circuit to 25 cmH<sub>2</sub>O by turning on flow meter
- Turn off flow meter and watch manometer for drop in pressure
- If pressure in circuit decreases slowly turn on flowmeter until pressure loss stop
- Flow at which pressure loss stops is = rate of leak
  - Leak < 250 mL/min is acceptable
- Squeeze rebreathing bag to evaluate for normal movement of one way valves
- One-way valves should be clean and dry

#### **Open pop-off valve to release pressure in circuit**

### **6. Scavenger system**

- Weigh F/AIR canister. Discard after 50 g weight gain
- Collection tubing connected to the pop-off valve and F/Air canister**
- Make sure F/Air canister exhaust is not blocked