

## **PART II - PRIMARY SYSTEMS INFORMATION**

### **4. Medical Gas System**

#### **1. Operation:**

#### **Dental Low Vacuum (Oral Evacuation):**

1. Clean vacuum piping system
2. Check the accumulated operating hours daily for run time
3. Check the Oral Evacuation Suction Pressure
4. Check operating controls for proper settings and operation
5. Clean vacuum relief valve
6. Clean inoperative strainers
7. Clean the mesh filter at the muffler
8. Clean and dust off vacuum pump
9. Check wiring (control and power) connections and tighten connectors if required.
10. Empty Solids Collector Drums

#### **Dental Air Compressors:**

1. Drain moisture from the Receiver Tank
2. Inspect inlet air filter for dirtiness
3. Clean dust and foreign matter from cylinder, cylinder head, motor, fan, air lines, crankcase and after cooler
4. Check V-bolts for tightness
5. Check and drain tank drain valve
6. Check operation of pressure relief valve
7. Check pressure switch for proper operation
8. Check and clean check valve if leaking
9. Check compressor valve
10. Check system for air leakage around fittings, gaskets, etc.