

## **MEDICAL GAS & VACUUM SYSTEMS OPERATION AND MANAGEMENT PROGRAM**

**THIS PROGRAM WAS DEVELOPED TO ENSURE COMPLIANCE WITH THE REGULATORY REQUIREMENTS FOR MEDICAL GAS AND VACUUM SYSTEMS IN HEALTH CARE FACILITIES.**

### **1.) MEDICAL GAS AND VACUUM SYSTEMS SURVEY**

The survey will allow for creation of a documented inventory of the all medical gas and vacuum systems and components. This survey fulfills for requirement for utilities management programs.

### **2.) CODE COMPLIANCE REVIEW AND RISK ASSESSMENT**

This program will provide for a review and assessment of existing systems, policies and procedures, emergency operations and contingency planning, inspection and testing reports, and operation and management program for compliance with the regulatory requirements of applicable codes and standards including NFPA 99: Health Care Facilities Code, NFPA 55 Compressed Gases and Cryogenic Fluids Code, the Joint Commission Environment of Care, Physical Environment, and Emergency Management Standards, and the CMS Requirements for Certified Providers.

### **3.) MEDICAL GAS SYSTEMS INSPECTION, TESTING, AND MAINTENANCE PROGRAM**

A documented comprehensive inspection, testing, and maintenance program is developed for the medical gas and vacuum systems, equipment, and components to ensure compliance with the applicable codes and standards. These programs are site specific, user-defined, and created using regulatory requirements, manufacturer's recommendations, accepted industry standards, and the organizations past experiences as the basis for the program design. The programs generally consist of the following:

- A.) INSPECTION AND TESTING REQUIREMENTS
- B.) INSPECTION AND TESTING SCHEDULES AND FREQUENCIES
- C.) INSPECTION AND TESTING POLICIES AND PROCEDURES
- D.) MAINTENANCE STRATEGIES AND REQUIREMENTS
- E.) MAINTENANCE SCHEDULES AND FREQUENCIES
- F.) EMERGENCY OPERATION AND CONTINGENCY PLANNING
- G.) SCHEDULED SHUTDOWN AND TEMPORARY BACK FEED PROCEDURES
- H.) OTHER APPLICABLE OPERATION AND MANAGEMENT POLICIES AND PROCEDURES

### **4.) MEDICAL GAS SYSTEM PERSONNEL QUALIFICATIONS STANDARD**

Inspections, testing, and maintenance should be conducted by individuals technically competent and experienced with medical gas systems. Development of a personnel qualifications standard will ensure that the medical gas systems and ultimately, patient safety are not compromised.

### **5.) FACILITY PERSONNEL TRAINING PROGRAMS**

Health care organizations must provide ongoing continuing education to minimize physical risks to patients and facility personnel. Development of a site-specific training program for medical gas systems personnel ensures compliance with these ongoing training requirements.

**CONTACT US AT 603.487.3800 FOR MORE INFORMATION!**