



*"The Medical Gas Professionals"*

## **ASSE 6040 Medical Gas Systems Maintenance Personnel Training Course**

### **Summary**

The ASSE 6040 Medical Gas Systems Maintenance Personnel Training Course consists of 32-hours of training covering all facets of ASSE Standard 6040 & NFPA 99-2012.

The Course will be taught by a certified NITC/ ASSE 6050 Medical Gas Systems Instructor.

The Training is designed to teach the attendee the requirements to properly Maintain Medical Gas Systems IAW ASSE 6040, NFPA 99-2012 & The Equipment Manufacturers Recommendations.

The course is broken down into four (4) days with each of the first three days consisting of (8) hours of Classroom and the last day being used for Practical Exercises, Hands On Training and a 100 Question Multiple Choice Written Examination.

Two 15 minute breaks are provided each day, one in the morning and the other in the afternoon along with a lunch break.

### **Day 1- Introduction to the Medical Gas Systems Maintenance Personnel Course (.25 HR)**

NFPA 99-2012 -

Chapter 1 Administration (Scope, Purpose, Application, Equivalency, Enforcement) – (.25 HR)

Chapter 3 Definitions (.25 HR)

Chapter 5.1 Category 1 Piped Gas & Vacuum Systems-

Applicability, Category 1 Sources, Central Supply System Identification & Labeling (.25 HR)

Central Supply System Locations, Design & Construction, Ventilation & Storage (.25HR)

Central Supply Systems, Manifolds for Gas Cylinders & Cryogenic Containers (1 HR)

Emergency Oxygen Supply Connections & In Building Emergency Reserves (.25 HR)

Medical Air Supply Systems (3 HR)

ASSE 6040 – Annex D, F, G, H, I (2.5 HR)



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**Day 2-** NFPA 99-2012, Chapter 5.1 Category 1 Piped Gas & Vacuum Systems Continued-

Medical Vacuum Systems & Waste Anesthetic Gas Disposal Systems **(3 HR)**

Instrument Air Supply Systems & Valves **(.5 HR)**

Station Outlets/Inlets, Manufactured Assemblies, Surface Mounted Medical Gas Rails

Pressure / Vacuum Indicators **(3 HR)**

ASSE 6040 – Annex J **(1.5 HR)**

**Day 3-** NFPA 99-2012, Chapter 5.1 Category 1 Piped Gas & Vacuum Systems Continued-

Category 1 Warning Systems **(2 HR)**

Category 1 Distribution- Piping Materials for Field Installed Positive Pressure Medical Gas Systems & Medical Surgical Vacuum / WAGD Systems **(.25 HR)**

Vacuum Tubing Marking, Fittings, Threaded Joints, Brazed Joints, Cutting Tube Ends,

Cleaning Joints for Brazing, Brazing Dissimilar Metals, Nitrogen Purge **(.25 HR)**

Assembly & Heating Joints, Inspection of Brazed Joints, Welded Joints,

Fittings, Prohibited Joints, Installation of Piping and Equipment, Branch Takeoffs,

Qualification of Brazing Procedures and Brazing. **(.25 HR)**

Labeling & Identification, Performance Criteria & Testing –General **(.25 HR)**

Installer Performed Tests & Documenting Installer Performed Tests **(.25 HR)**

ASSE 6040 – Review (All) **(4.5 HR)**



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## **ASSE 6040 Medical Gas Systems Maintenance Personnel Training Course**

### **Day 4- Practical Exercises & Hands On Training (6 HR)**

**\*Written Exam "100 Question Multiple Choice" (2 HR)**

Individuals who successfully complete this course will be certified by VPS, Inc. as an ASSE 6040 Medical Gas Systems Maintenance Person.

\*Prerequisite- Applicant's **MUST** be employed or contracted by a healthcare facility and Shall have a minimum of one (1) year documented practical experience in the Maintenance of Medical Gas Systems

The Attendee's of the ASSE 6040 Medical Gas Systems Maintenance Personnel Training Course must provide the following:

1. Photo Identification
2. Ink Pen's, Pencil's and Highlighter's
3. Notebook paper for taking notes

The Attendee's of the ASSE 6040 Medical Gas Systems Maintenance Personnel Training Course must be able to Read, Speak & Understand the English Language.

The Attendee's will be provided an NFPA 99-2012 & ASSE Series 6000 Professional Qualification Standard for Medical Gas Systems Personnel as part of this course



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## Application for ASSE 6040 Medical Gas Systems Maintenance Personnel Training Course

First & Last Name: \_\_\_\_\_ S.S. #: (last six) XXX- - \_\_\_\_\_  
Address: \_\_\_\_\_ Residence Phone: ( ) - \_\_\_\_\_  
City, State: \_\_\_\_\_ Zip: \_\_\_\_\_  
Email: \_\_\_\_\_ Work Phone: ( ) - \_\_\_\_\_ Cellular Phone: ( ) - \_\_\_\_\_

"I have at least one (1) year experience in the Maintenance of Medical Gas Systems"

Print Name \_\_\_\_\_

Signature \_\_\_\_\_

\*Please provide Name, Address & Phone #(s) of previous employers for verification of work experience.

Employer \_\_\_\_\_

Address \_\_\_\_\_  
\_\_\_\_\_

Phone# \_\_\_\_\_

Attendee's must be paid in full in order to be considered enrolled in the course; the price of attendance is \$1500.00 per attendee.

\*Minimum Class Size is 8 Personnel.

**Corporate Office · 4518 Clements Rd. Lakeland Florida 33811 Phone: 863-646-7555 · Fax 863-646-2999**

*"Medical Gas Pipeline Equipment Training, Service & Verifications"*

*www.medgaspro.org*