**2021 Worksheet # 1**

**Definitions**

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1. Risk categories shall be classified by the health care facility’s governing body by following and documenting a \_\_\_\_\_\_\_\_\_\_\_\_.

**a. defined risk assessment procedure.**

b. defined as Category 1

c. defined as Category 2

d. defined as Category 3

2. Activities, systems, or equipment whose failure is likely to cause minor injury of patients, staff, or visitors shall be designed to meet Category\_\_\_\_\_\_\_\_ requirements, as detailed in this code.

a. 1

**b. 2**

c. 3

d 4

3. What Facility, structure, or space is used to house chambers and all auxiliary service equipment for medical applications and procedures at pressures above normal atmospheric pressures?

a. Hospital

**b. Hyperbaric**

c. Hypobaric

d. Hypoxia

4. A \_\_\_\_\_\_\_\_ device is used for connecting the outlets of one or more gas cylinders to the central piping systems.

 a. Mask

**b. Manifold**

c. Manufactured assembly

d. Connection

5. A warning system within an area uses a \_\_\_\_\_\_\_\_\_\_\_that provides continuous visible and audible surveillance of category 1 and category 2 medical gas and vacuum systems.

a. Alternate alarm

**b. Area alarm**

c. Local alarm

d. Master alarm

6. What system is used to monitor’s the operation and condition of the source of supply, the reserve source if any), and the pressure in the main lines of each medical gas and vacuum piping systems?

**a. Master alarm system**

b. Area alarm system

c. Building management system

d. Pressure Indicator system

7. What code would be adopted if no such code has been adopted by the jurisdiction?

**a. NFPA 101**

b. NFPA 30

c. NFPA 90A

d. NFPA 55

8. An assembly of equipment including a container that is permanently installed. The interconnecting piping is designed to be filled at the health care facility with cryogenic gas that has a storage capacity of less than 20,000 ft3. Which bulk system is defined\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_?

a. bulk Inert Gas System

b. bulk Oxygen System

**c. Cryogenic Fluid Central System**

d. bulk Nitrous Oxide System

9. What is provided, to the portion of the central supply system that will supply the piping system when the primary and secondary supplies are exhausted or are not operative?

a. Primary Supply

**b. Reserve Supply**

c. Secondary Supply

d. Operating Supply

10. What is the portion of the central supply system that is the default supply for the piping system?

a. Operating Supply.

b. Reserve Supply.

**c. Primary Supply.**

d. Operating Supply.

11. Any space of a health care facility wherein patients are intended to be examined or treated is called what \_\_\_\_\_\_\_\_\_\_\_\_\_\_.

**a. Patient Care Space.**

b. Category 4 Space

c. Category 1 Space

d. Category 2 Space

12. What non-interchangeable medical gas and vacuum connectors that comply with CGA V-5?

**a. DISS Connector**

b. PISS Connector

c. PIP connector

d. HYP Connector

13. Who responsibility is it to designate wet procedure locations\_\_\_\_\_\_\_.

**a. Governing body of the facility**

b. AHJ of the facility

c. Risk assessment

d. Health care facility

14. What device that automatically reduces gas under high pressure to a usable lower working pressure a (an) \_\_\_\_\_\_\_\_\_\_\_\_ would be used?

a. final line pressure regulator

b. isolation valve

c. positive negative regulator

**d. pressure – reducing regulator**

15. A factory-assembled product designed for aesthetics or convenience that contains medical gas outlets or vacuum inlets, piping, or other devices related to medical gases is a \_\_\_\_\_\_\_\_\_\_\_?

a. Subsystem

**b. Manufactured assembly**

c. Reconstituted assembly

d. Any of the above

16. A building or part thereof in which the following occur, examination and minor treatments / procedures are performed under the continuous supervision of a professional. Is the definition of a \_\_\_\_\_\_\_\_\_\_\_\_\_\_?

**a. medical office**

b. dental office

c. doctors / head nurse’s office

d. governing body office

17. Under the Risk Categories, what category does a major injury or death to patients, staff or visitors \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_?

a. Category 3

b. Category 4

**c. Category 1**

d. Category 2

18. A portion of the health care facility designated by the health care facility governing body that serves a specific purpose is call \_\_\_\_\_\_\_\_\_?

**a. spaces**

b. rooms

c. wastes

d. category

19. Oxygen-Enriched Atmosphere is the concentration of oxygen that exceeds \_\_\_\_\_\_\_\_\_\_ percent by volume.

a. 19.5

b. 22.5

c. 99.5

**d. 23.5**

20. What system is use to capture the gases and carry them away from anesthesia or analgesia equipment\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_?

**a. waste anesthetic gas disposal system.**

b. medical surgical vacuum system.

c. mask system.

d. terminal system.

21. What element exists as a colorless, odorless, and tasteless gas at atmosphere temperatures and pressures \_\_\_\_\_\_\_\_\_\_\_\_\_?

a. Nitrous oxide

b. Liquid oxygen

**c. Oxygen**

d. Hydrogen

22. What is a pneumatic terminus of a piped gas system? Other than critical continuous duty, nonflammable medical life support type gases?

a. Compressor

b. Service inlet

**c. Service outlet**

d. Vacuum outlet

23. Oxygen Concentrator Unit. Is an engineered assembly of components that operate to raise the concentration of oxygen, that providing oxygen as a­­­­­­­­­­\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_?

**a. drug product**

b. product of nitrous oxide

c. oxidizing gas

d. oxygen toxicity

24.Manufactures shall design their medical air compressors to exclude \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ from the air stream and compression chamber.

a. nitrous oxide

b. oxygen

**c. oil**

d. ozone

25 An element that at atmospheric temperatures and pressure exists as a clear, colorless, and tasteless gas it comprises approximately four-fifths of the earth’s atmosphere. Which one of these elements is this\_\_\_\_\_\_\_\_?

**a. Nitrogen**

b. Oxygen

c. Argon

d. Nitrous oxide

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