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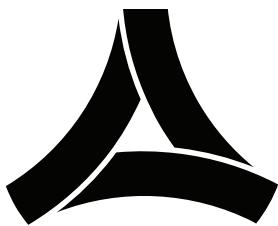
Andersen Abator  
5100



ECGas4  
STERILIZER

Key Operator  
Training Test

[sterility.com](http://sterility.com)



**EOGas 4**  
STERILIZER

## **EOGas 4 Key Operator Test for 3- & 6-hour units**

APPLIES TO EOGas 4



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**Andersen Sterilizers**  
**EOGas 4 Key Operator Certification Test**  
**Model: AN4000**

**Applicant's Name:**

**Title/Position:**

**Customer #:**

**KOT #:**

**Facility (Name):**

**Address:**

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**Date:**

**Administered By:**

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## 1. Preparing for Sterilization

- ① When preparing devices for sterilization, what four basic steps must always be followed?
  - a.
  - b.
  - c.
  - d.
- ② How well must devices be cleaned prior to sterilization?
- ③ Please state three accepted methods for drying a device prior to sterilization with EOGas 4.
  - a.
  - b.
  - c.
- ④ State why heat or hot air should not be used to dry devices prior to sterilizing with EOGas 4.
- ⑤ What three types of wrapping materials can be used with EOGas 4?
  - a.
  - b.
  - c.
- ⑥ What should be done to devices such as syringes or any devices containing removable parts? And why?
- ⑦ What should be done before sterilizing devices which contain batteries? And why?
- ⑧ Why must the Humidichip be used with every sterilization load?

- 9) If Relative Humidity (RH) is less than 35% in the room where preparation and sterilization takes place, is it necessary to humidify devices before they can be sterilized? Why?
- 10) The simplest way to humidify devices is to clean them. What procedure is required for humidifying devices that cannot be cleaned?

## 2. The Sterilization Setup

- 11) Describe the two different cycles the EOGas 4 system employs.
- a.
  - b.
- 12) Which cycles are validated for use in human medical facilities? Which cycles are NOT validated for use in human medical facilities?
- 13) What color purge probe is used for the 3 hour sterilization cycle? What color purge probe is used for the 6 hour cycle?
- a.
  - b.
- 14) How long is the usual cycle for most devices?
- 15) At what preset temperatures does the EOGas 4 sterilizer cabinet operate at?
- 16) Why are the two 50° EOGas 4 cycles different?

- 17) Why would the extended length, 6-hour gas exposure be used?
- 18) Can the AN1004 bag and cartridge be used for each of the different cycles?

### 3. The Sterilization Cycle

- 19) You have everything on hand to run an EOGas 4 sterilization cycle. The devices to be sterilized have already been disassembled, cleaned, dried, and wrapped. (Describe in the correct sequence how to run a 3.5-hour EOGas 4 sterilization cycle?)
- 20) What will happen if a cycle time is not selected within 5 seconds?
- 21) State why only a genuine EOGas 4 bag and AN1004 cartridge must be used in the EOGas 4 sterilizer.
- 22) How long, at the end of the 3.5-hour cycle, will the bag ventilation continue?
- 23) When does the count-up timer and constant ventilation end?
- 24) When is the START screen restored?
- 25) What devices may present special aeration problems for gas sterilization?
- 26) What two materials do not require aeration?
- a.
  - b.

- 27) How long should devices made of gas-absorbing material be aerated after the sterilization cycle?

#### 4. Unloading the Sterilizer and Determining Sterility

- 28) What message is displayed when the sterilization and ventilation cycles are complete and before the door is opened? What do the count-up timer numbers mean?
- 29) What methods can be used to check that the sterilization cycle was successful?
- 30) For what reason must an EOGas Dosimeter be used in every sterilization bag?
- 31) Do Exposure indicators, such as the AN85, or tape prove sterilization?
- 32) Where can the used sterilization bag and EOGas 4 cartridge be discarded?

#### 5. Safety Precautions

- 33) How often should sterilizer inspection and preventative maintenance be performed? And who should inspect and maintain your sterilizer?
- 34) Why should lame or spark be avoided near an EOGas sterilizer during operation?

- 35) Provide two reasons why you should never open the EO Gas bag before the cycle is complete:
- a.
  - b.
- 36) How can personnel exposure to EO be monitored?
- 37) What do you do if cartridge is activated outside the cabinet?
- 38) What should be done if liquid EO Gas comes into contact with a part of the body?
- 39) Where is your Safety Data Sheet (SDS) for EO gas kept?

## 6. Important Considerations

- 40) Why should sterilization bags never be reused?
- 41) Why mustn't food, liquids, oils, powders or drugs be sterilized in EO?
- 42) Why should the sterilizer cabinet and bag ventilation pumps be running during cycle?
- 43) How long is the useful life of an Andersen EO Gas 4 sterilizer?
- 44) Where is your owner's Manual?

### Questions for Trainee

- A. Do you have any other questions concerning your Sterilizer or EO?
- B. What does your facility sterilize in your EOGas unit?
- C. Are there other departments or facilities that you can think of that might be interested in an EOGas system?

Many thanks for using the Andersen EOGas 4 sterilizer.  
Please do not hesitate to call us if you have any questions in the future.

**Andersen Customer Service**  
**1.800.523.1276**  
**sterility.com**

Revision Table			
Revision	ECN	Date	Effective for AN4000.60/AN4000.61 Lot #'s:
1	2025003	2025-04-08	All Lot #'s