



## *EOGas 4*<sup>®</sup>



*Key Operator Training Kit*  
*The power of knowledge*



Once you have reviewed the information contained in the study guide, please fill in this Answer Booklet and send it over to us by fax (0203 163 0791) or e-mail ([fstoker@anderseneurope.com](mailto:fstoker@anderseneurope.com)). Then, please call **Andersen Customer Service at 01255 428 328**, whenever it is convenient for you, to complete your Key Operator test over the phone (this will take around 20 minutes). Shortly after successfully completing your test, you will receive a registered training certificate.

Andersen Products  
EOGas 4 Key Operator Certification Test  
Model: AN4000

Applicant's Name: \_\_\_\_\_ Title/Position: \_\_\_\_\_

Customer #: \_\_\_\_\_ KOT #: \_\_\_\_\_ Study Guide Ref: \_\_\_\_\_

Facility (Name): \_\_\_\_\_

Address: \_\_\_\_\_  
\_\_\_\_\_

Date: \_\_\_\_\_ Administered By: \_\_\_\_\_

## 1 Preparing for Sterilisation

- ① When preparing items for sterilisation, what four basic steps must always be followed?
  - a.
  - b.
  - c.
  - d.
- ② How well must items be washed prior to sterilisation?
- ③ Please state three accepted methods for drying an item prior to sterilisation with EOGas 4.
  - a.
  - b.
  - c.
- ④ State why heat or hot air should not be used to dry an item prior to sterilising with EOGas 4.
- ⑤ What three types of wrapping materials can be used with EOGas 4? How do you determine shelf life?
  - a.
  - b.
  - c.
- ⑥ What should be done to items such as syringes or any items containing removable parts? And Why?



- 7 What two procedures should be followed before sterilising instruments which contain batteries? And Why?
  - a.
  - b.
- 8 Why must the Humidichip and Humiditube be used with every sterilisation load?
- 9 If Relative Humidity (RH) is less than 35% in the room where preparation and sterilisation takes place, is it necessary to humidify instruments before they can be sterilised? Why?
- 10 The simplest way to humidify items is to wash them. What procedure is required for humidifying instruments that can not be washed?

## 2 The Sterilisation Setup

- 11 Describe the four different cycles the EOGas 4 system employs.
  - a.
  - b.
  - c.
  - d.
- 12 How long is the usual cycle for most items?
- 13 At what two preset temperatures can the EOGas 4 steriliser cabinet operate at during two of the four different sterilisation cycles?
- 14 Why are the two 50° EOGas 4 cycles different?

- 15 Why are the two 30° EOGas 4 cycles different?
- 16 Why would the extended length, 5 hour cycle be used?
- 17 Can the AN1004 bag and cartridge be used for each of the different cycles?

### 3 The Sterilisation Cycle

- 18 You have everything on hand to run an EOGas 4 sterilisation cycle. The items to be sterilised have already been disassembled, washed, dried, and wrapped. (Describe in the correct sequence how to run a 3.5 hour EOGas 4 sterilisation cycle?)
- 19 What will happen if a cycle time is not selected within 5 seconds?
- 20 State why only a genuine EOGas 4 bag and AN1004 cartridge must be used in the EOGas 4 steriliser.
- 21 Why should sterilisation liner bags never be reused?
- 22 Why mustn't food, liquids, oils, powders, or drugs be sterilised in EtO?
- 23 What are two reasons for never activating the EOGas cartridge outside a properly prepared EOGas bag?
  - a.
  - b.



- 24 Why should the steriliser cabinet and bag ventilation pumps be running during cycle?
- 25 How long, at the end of the 3.5 hour cycle, will the bag ventilation continue?
- 26 When does the countup time and constant ventilation end?
- 27 How is the **START** screen restored?
- 28 What devices may present special problems for gas sterilisation?
- 29 What two materials do not require aeration?  
a.  
b.
- 30 How long should items made of gas-absorbing material be aerated after the sterilisation cycle?

### Unloading The Steriliser And Determining Sterility

- 31 What message is displayed when the cycle is complete and before the door may be opened?  
What do the numbers mean?
- 32 What methods can be used to check that the sterilisation cycle was successful?
- 33 For what reason must an EOGas Dosimeter be used in every sterilisation bag?



**34** Do Exposure indicators, such as the AN85, or tape prove sterilisation?

**35** Where can the used sterilisation bag and EOGas 4 cartridge be discarded?

## **5** Safety Precautions

**36** Why should flame or spark be avoided near an EOGas steriliser during operation?

**37** Provide three reasons why you should never open the EOGas bag before the cycle is complete:

- a.
- b.
- c.

**38** How can personnel exposure to EtO be monitored?

**39** What do you do if cartridge is activated outside the cabinet?

**40** What could happen if the aeration time is insufficient and ethylene oxide was retained in an item?

**41** What should be done if liquid EOGas comes into contact with a part of the body?

**42** Where is your Material Safety Data Sheet (MSDS) for EOGas kept?

**43** Where is your owner's Manual?



**Questions for Trainee**

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

**Questions & Notations**

**Please use this area to list any questions that you have for your Andersen Representative regarding your EOGas 4 Steriliser.**

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

**Andersen Customer Services 01255 428328  
www.anderseneurope.com**



the future of gas sterilisation

*[www.anderseneurope.com](http://www.anderseneurope.com)*

**Andersen Products Ltd.**  
Unit 808, Oakwood Business Park  
Fowler Road  
Clacton-On-Sea, CO15 4AA,  
United Kingdom

