



EOGas 4[®]



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). 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

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