



KEY OPERATOR
TRAINING SERIES
ANDERSEN PRODUCTS, LTD

Key Operator Test

Anprolene®
gas sterilisation



Key Operator Training Kit
The power of knowledge



**ANDERSEN
PRODUCTS**

the future of gas sterilisation

Andersen Products
Anprolene® Key Operator Certification Test
Model: AN74i, AN74ix, AN74j & AN2000

Applicant's Name: _____ Title/Position: _____

Customer #: _____ KOT #: _____

Facility (Name): _____

Address: _____

Date: _____ Administered By: _____

Steriliser Model used by applicant: _____

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 Anprolene.
 - a.
 - b.
 - c.
- ④ State why heat or hot air should never be used to dry an item prior to sterilising with Anprolene.
- ⑤ What three types of wrapping materials can be used with Anprolene. 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 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?
- 9 The simplest way to humidify items is to wash them. What procedures are required for humidifying instruments that can not be washed?

2 The Sterilisation Cycle

- 10 You have everything on hand to run an Anprolene sterilisation cycle. The items to be sterilised have already been washed, dried and wrapped. Describe in the correct sequence (and in your own words) how to run an Anprolene sterilisation cycle in your steriliser.

3 Parameters for Sterilisation

- 11 How long is the usual Anprolene sterilisation cycle?
- 12 What must the temperature in the room be throughout the entire sterilisation cycle? Why?

13 When should you use a Humidichip with the cycle?

4 Sterility Assurance

14 For what reason must a biological indicator or chemical integrator be used in every sterilization bag?

15 What methods can be used to check that the sterilisation cycle was successful?

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

5 Safety Precautions

17 Give two reasons why the gas release bag containing the ampoule should never be opened.

- a.
- b.
- c.

18 How can personnel exposure to EtO be monitored?

19 Why must the sterilisation cabinet be running while the cycle is in operation?

20 What should be done if liquid EtO comes in contact with a part of the body?



6 Important Considerations

- 21** Why should sterilisation liner bags never be reused?
- 22** Where can the used sterilisation bag and Anprolene ampoule be discarded?
- 23** Why mustn't food, liquids, oils, powders, or drugs be sterilised in EtO?
- 24** What two materials do not require aeration?
 - a.
 - b.
- 25** What devices may present special problems for gas sterilisation?
- 26** What is the procedure and cycle time for long lengths of tubing, large loads, or small absorbant items?
- 27** Why should the steriliser be running during the entire sterilisation cycle?
- 28** Why must the ventilation system purge the liner bag for at least 2 hours before the sterilised items may be removed?
- 29** How long should items made of gas-absorbing material be aerated after the sterilisation cycle?
- 30** What could happen if the aeration time is insufficient and ethylene oxide was retained in an item?

- 31** Why should flame or spark be avoided near an Anprolene steriliser during operation?
- 32** Provide three reasons why you should never open the liner bag before the cycle is complete:
- a.
 - b.
 - c.
- 33** What are three reasons for locking the Anprolene Steriliser?
- a.
 - b.
 - c.
- 34** What do you do if the ampoule is activated outside the cabinet?
- 35** Can any other container or steriliser be used with Anprolene gas ampoules? Why?
- 36** Where is your Material Safety Data Sheet (MSDS) for Anprolene kept?

Questions for Trainee

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

Questions & Notations

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

Andersen Customer Service 01255 428328
www.anderseneurope.com



the future of gas sterilisation

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Andersen Products Ltd.
Davy Road, Gorse Lane Ind. Est.
Clacton-On-Sea
CO15 4XA, UK

