

SAFE USE OF ETHYLENE OXIDE QUIZ – DEP TRAINING

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This in-service is Approved by the CBSPD for 4 CEUs and by the NJDEP for 8 category points in sterilization (12B). Complete this post test and follow the directions at the end of the test for payment and results.

1. How many cartridges of ethylene oxide are permitted within the work area if they are not contained in a safety cabinet?
 - A) 6
 - B) 8
 - C) 12
 - D) 15

2. How many air exchanges per hour are required ventilation when ethylene oxide is in use?
 - A) 6
 - B) 8
 - C) 10
 - D) 20

3. Which of the following statements is true?
 - A) Ethylene oxide sterilizers that use 100% ETO operate under pressure.
 - B) Ethylene oxide sterilizers that use 100% ETO operate under vacuum.
 - C) Ethylene oxide sterilizers that use mixtures operate under a vacuum.
 - D) Ethylene oxide sterilizers that use mixtures have shorter aeration times.

4. When handling full or used ETO cartridges
 - A) wear PPE including nitrile or butyl rubber gloves and face shield or goggles.
 - B) wear nitrile gloves only.
 - C) wear goggles/face shield only.
 - D) Wear vinyl gloves only.

5. Ethylene oxide kills microorganisms by a process known as
- A) oxidation.
 - B) denaturing of protein.
 - C) alkylation.
 - D) chlorination.
6. The recommended humidity level inside the ETO chamber is:
- A) 25%.
 - B) 35%.
 - C) 45%.
 - D) 55%.
7. Materials as well as packaging materials for ethylene oxide sterilization should be maintained in an environment of at what percentage relative humidity?
- A) 30%
 - B) 40%
 - C) 50%
 - D) 60%
8. Which of the following statements about ethylene oxide sterilization is true?
- A) Trays for containing items should be solid.
 - B) Items for ethylene oxide sterilization must be dry.
 - C) Paper plastic pouches should be placed on top of each other.
 - C) Polyethylene bags used for ethylene oxide sterilization should not exceed 5 millimeters in thickness.
9. The spore used to test ethylene oxide sterilization cycles is known as
- A) *Bacillus atrophaeus*.
 - B) *Geo bacillus stearothermophilus*.
 - C) *Bacillus stearothermophilus*.
 - D) *Bacillus subtilis*.

10. Which of the following statements about aeration of EO sterilized devices is true?
- A) Metal instruments packaged in Tyvek™ do not require aeration.
 - B) Aeration time is in accordance with the EO sterilizer/aerator's recommendations.
 - C) Mechanical aeration at 140 deg. F. (60 deg. C) requires a minimum of 8 hours.
 - D) Mechanical aeration at 122 deg. F. (50 deg. C) requires a minimum of 10 hours.

For NJDEP Members

If you are licensed by the NJDEP, please provide your name, birth date and NJDEP license # below in order to receive your special NJDEP certificate.

Name: _____

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Directions for Payment and Results

This in-service = \$25

Re-do's = \$25 each

No refunds (all sales are FINAL), prices subject to change.

Payment is accepted in the form of a Credit Card, Facility Check, or Money Order only.

Sorry, no personal checks.

Please see the form on the following page.

Upon passing this in-service, your certificate will be mailed to you within 7-10 business days.

Please fill out the form below and submit it with your payment and the quiz to:

Sterile Processing University, 59 Allerton Road, Lebanon, NJ 08833.

Name: _____

Mail to: ___ Home ___ Work

Full Address: _____

Phone: _____

Email: _____

For Credit Card Orders Only: ___ Visa ___ MasterCard ___ Discover

Credit Card Number: _____ Exp. Date: _____

Person's Name on Card: _____

Card Billing Address: _____

If you have any questions, please email heidi@spdceus.com

Thank you!