



Operator Quiz Winter 2023 – Test Your Knowledge on Safety

The following questions are designed for individuals/trainees pursuing certification as they prepare to take the ABC wastewater operator test. It is also designed for existing operators to test their knowledge. Each issue of *Clear Waters* will have more questions from a different process of wastewater treatment. Good luck!

- Which of the following would be the safest action to take in the event of a major chlorine container leak?**
 - Call the fire department
 - Roll the container so that liquid escapes rather than gas.
 - Submerge the container in a basin or stream
 - Notify local police or sheriff
- Safety-toe protective footwear, including steel-toe shoes or boots, normally have a compression rating of ____ ft-lb.**
 - 300
 - 75
 - 10
 - 100
- Recommended personal hygiene practices to minimize the risk of being infected by wastewater pathogens include...**
 - Washing your hands before the beginning of your shift
 - Only rubbing your eyes while working if you are wearing impervious gloves
 - Changing out of your work clothes and showering before leaving work
 - Reading the material safety data sheets for all chemicals used at the plant
- All chlorine cylinders are required to contain at least one fusible metal safety device designed to melt at between ____ to ____ degrees F.**
 - 100-120
 - 158-165
 - 200-212
 - None of the above
- Which of the following provides safety information for potentially hazardous or toxic materials?**
 - SDS
 - CFR
 - OSHA
 - PESH
- A supervisor may be held responsible, in part or completely, for an accident if they...**
 - Require that work be performed in haste
 - Disregard an unsafe environment in the workplace
 - Fail to consider any number of safety hazards
 - All the above
- Before entering a confined space that could contain a hazardous atmosphere you need a ____.**
 - Completed confined space entry permit
 - Proper retrieval device
 - Permission from immediate supervisor
 - Canister respirator, gloves and hard hat
- What is a safe level of oxygen in a confined space?**
 - 18%–20%
 - 20.5%–25.5%
 - 23%–28%
 - 19.5%–23.5%
- A Safety Officer's duties should include...**
 - Evaluating every accident
 - Keep and apply statistical accident reports
 - Offer recommendations to improve safety
 - All the above
- Safety Data Sheets must contain the following information:**
 - Concentration, manufacturer name and address, and possible uses
 - Chemical name, emergency procedures for spills, and necessary personal protective equipment
 - Chemical name, manufacturer name, purchaser name, and disposal procedures
 - Purchaser name, possible health effects, and storage requirements

For questions concerning operator certification requirements and scheduling, please contact Carolyn Steinhauer at 315-422-7811 ext. 4, carolyn@nywea.org or visit www.nywea.org.

- Answers:**
1. (A) Call the Fire Department 2. (B) 75 ft 3. (C) Changing out of your work clothes and showering before leaving work
 4. (B) 158-165 5. (A) SDS 6. (D) All the above
 7. (A) Completed confined space entry permit
 8. (D) 19.5%–23.5% 9. (D) All the above
 10. (B) Chemical name, emergency procedures for spills, and necessary personal protective equipment