

# Bulb Eater® 3 Safety and Operations Quiz

---

1. What personal protective equipment is recommended while operating the Bulb Eater® 3?
    - Knee, torso and shoulder protection
    - Eye, ear and hand protection
    - Head, arm and respiratory protection
  2. Which of these is not a step for starting the Bulb Eater® 3?
    - Release E-stop switch and press start button
    - Remove rubber plug from the entry tube
    - Confirm entry tube suction and exhaust vent airflow
    - Tighten spinner set screw
  3. After shutting down the Bulb Eater® 3 and allowing the cyclone dump cycle to complete, what is the final step to complete the shutdown?
    - Remove lid from drum
    - Insert the entry tube plug and seal all openings
    - Change filters and log date of change
  4. The Bulb Eater® 3 should not be used to crush more than \_\_\_ drum(s) of lamps in any 8-hour period.
    - 1
    - 2
    - 3
  5. When operating the Bulb Eater® 3, which area is the best location:
    - A confined space
    - An open area
    - Areas with use of open air fans
-

**6. If a drum change-out is necessary, what is the minimum amount of time the Bulb Eater® 3 should be turned off and left idle before removing the lid?**

- 5 minutes
- 15 minutes
- 1 hour

**7. Which of these is not a safety best-practice for the Bulb Eater® 3?**

- Filter cleaning and reuse
- Avoidance of pinch points
- Wear personal protective equipment

**8. When should the Bulb Eater® 3 spinner assembly be replaced? (minimum recommended)**

- After every full drum
- Every 5 drums
- When the crusher motor exhibits excessive vibration

**9. What procedure is not recommended for replacing a Bulb Eater® 3 spinner assembly?**

- Remove the Bulb Eater® 3 machine from the drum of crushed lamps and leave the drum uncovered/unsealed
- Remove the Bulb Eater® 3 machine from the drum, seal the full drum, and replace the assembly over a fresh/empty drum
- Remove the safety cover & replace the spinner assembly using personal protective equipment

**10. The Bulb Eater® 3 2<sup>nd</sup>-stage filter (cartridge) should be replaced when:**

- Fault code 1 is displayed
- Fault code 13 is displayed
- Never needs to be changed

**11. The Bulb Eater® 3 3<sup>rd</sup>-stage filter (HEPA) should be replaced when:**

- Fault code 13 is displayed
- Fault code 11 is displayed
- Never needs to be changed

**12. What is the proper procedure for handling spent filters after removing from the Bulb Eater® 3?**

- Store filters in sealed zip-top bag or on top of a full drum of crushed lamps within a sealed drum
- Store filters in open, unsealed to allow them to air out before disposing of filters in trash
- Feed spent filters into the Bulb Eater® 3 u-tube chute

**13. What precaution must be taken to prevent mercury-laden dust from escaping when changing the Bulb Eater® 3 2<sup>nd</sup>-stage filter (cartridge)?**

- Don't dispose of filters in the trash
- Slowly remove the filter from the Bulb Eater® 3 and place in a zip-top bag
- Never turn the filter upside down when removing from the Bulb Eater® 3
- All of the above

**14. What is the proper method of cleaning up materials if a lamp breaks?**

- Vacuum dust and small fragments of glass, sweeping larger fragments into the trash
- Sweep up all broken materials and deposit into the Bulb Eater® 3 entry tube
- Ventilate the area, scoop broken materials using stiff paper or cardboard, and place in the drum using stiff paper or cardboard, and place in the

**15. When preparing a full drum of crushed lamps for recycling what is permitted in the drum?**

- Crushed lamps only
- Crushed lamps and spent Bulb Eater® 3 filters (on top of crushed lamps)
- Crushed lamps and any recyclable materials

**16. Which state requires spent Bulb Eater® 3 filters to be shipped in a separate DOT approved container (separate from the drum of crushed lamps)?**

- New York
  - Texas
  - Tennessee
-