

# Bulb Eater® 3L Safety and Operations Quiz

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1. What personal protective equipment is recommended while operating the Bulb Eater® 3L?

- 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® 3L?

- 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® 3L, 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® 3L 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® 3L, which area is the best location:

- A confined space
  - An open area
  - Areas with use of open air fans
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**6. If a drum change-out is necessary, what is the minimum amount of time the Bulb Eater® 3L 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® 3L?**

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

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

- After every full drum
- Every 5 drums
- When the crusher motor exhibits excessive vibration (Fault Code 23)

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

- Remove the Bulb Eater® 3L machine from the drum of crushed lamps and leave the drum uncovered/unsealed
- Remove the Bulb Eater® 3L 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® 3L 1<sup>st</sup>-stage filter (cartridge) should be replaced when:**

- Fault code 1 is displayed
- Fault code 5 or 15 is displayed
- Never needs to be changed

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

- After every drum
- About every 10 drums
- Never needs to be changed

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

- 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® 3L u-tube chute

**13. What precaution must be taken to prevent mercury-laden dust from escaping when changing the Bulb Eater® 3L 1<sup>st</sup>-stage filter (cartridge)?**

- Don't dispose of filters in the trash
- Slowly remove the filter from the Bulb Eater® 3L and place in a zip-top bag
- Never turn the filter upside down when removing from the Bulb Eater® 3L
- 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® 3L entry tube
- Ventilate the area, scoop broken materials using stiff paper or cardboard, and place in the drum.

**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® 3L filters (on top of crushed lamps)
- Crushed lamps and any recyclable materials

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

- New York
- Texas
- Tennessee