

Dipping and Coating Operations

Quiz – Answer Key

Name:	
Trainer's Name:	
Company/Division:	Date:

These questions can be used to check your participants' understanding of the material.

1. What substance hazards may exist in the open surface tanks?

- a. Toxicity
- b. Corrosivity
- c. Irritant
- d. All of the above**

2. PPE that may be required includes:

- a. leather gloves.
- b. rubber boots.**
- c. air-purifying respirator when the atmosphere is oxygen deficient.
- d. street clothes to protect against splashes of chemicals.

3. Open surface tank operations include:

- a. electroplating.
- b. anodizing.
- c. dipping.
- d. all of the above.**

4. The type of respirator used when the oxygen level is deficient is:

- a. SCUBA.
- b. air-purifying.
- c. air-supplying.**
- d. none of the above.



5. What is needed when an emergency entry into a tank is required?

- a. A respirator if the air is contaminated or oxygen-deficient
- b. Protective clothing if contact with a hazardous substance is possible
- c. A stand-by person
- d. All of the above**

6. Some of the hazards involved with open surface tanks are:

- a. splashing of chemicals.
- b. wet floors around the process.
- c. either a or b.**
- d. neither a or b.

7. The stand-by person must be:

- a. located in the contaminated area.
- b. able to locate a respirator in 15 minutes.
- c. trained in the hazards, PPE, and rescue required for open surface tank work.**
- d. able to jump into a tank and rescue the worker, instead of using a lifeline.

8. Aprons, coats, jackets, and sleeves made of rubber are used to protect against:

- a. liquids soaking work clothes.
- b. corrosive substances contacting the skin.
- c. splashing of chemicals when filling the tanks.
- d. all of the above.**

9. You will be required to wear a respirator when the oxygen level falls below:

- a. 23.5 percent.
- b. 19.5 percent.**
- c. 18 percent.
- d. 20.5 percent.



10. Before you wear PPE, you must know:

- a. why it is selected.
- b. what its limitations are.
- c. how it is used.
- d. all of the above.**

11. Information about the hazardous chemicals used in a dipping or coating operation can be found:

- a. in the safety office.
- b. on the safety data sheet.**
- c. next to the dip tank.
- d. none of the above.

12. The PPE required for workers at our dipping/coating operation is: _____ **The correct answer is specific to your facility**

13. The stand-by person at the tank must be physically able to haul the worker out of the tank in an emergency.

- a. True.**
- b. False

14. The OSHA regulations only apply if you immerse an object in the tank.

- a. True
- b. False – the rules apply if you use the vapor to clean or coat an object**

15. Ventilation systems help remove _____ **toxic vapors** _____ **from the work area.**

16. At our facility, the respirators are located: _____ **The correct answer is specific to your facility**

17. The acronym SCBA stands for:

- a. somewhat contaminated breathable air.
- b. self-contained breathing apparatus.**
- c. small controlled breaths allowed.
- d. none of the above.



18. The correct piece of equipment for rescuing a worker out of a tank is:

- a. a ladder.
- b. the nearest piece of equipment.
- c. a lifeline.**
- d. all of the above.
- e. none of the above.

19. The operating process itself may produce hazardous by-products.

- a. True**
- b. False