

## TEST ANSWERS: DESIGNATED SUBSTANCES

<b>Your Name:</b>		<b>Date:</b>	
<b>Company:</b>		<b>IEC #:</b>	

The *BSO Plus Safety Topic* is a review designed from the BSO Plus agenda. This safety topic is your way to stay current on the safety information over the 3 years between BSO Plus and BSR.

**1. Exposure to a designated substance may cause:**

- a. Cancer
- b. Damage to organs
- c. Death

d. All of the above

**RATIONALE:** Both short and long-term exposure to a designated substance can have serious potential health hazards. Exposure to designated substances must be limited or controlled, as it may result in permanent damage to the human organ system, various forms of cancer, and even death.

**2. When working with a designated substance, the employer has a legal duty to create a written plan specific to each substance present in the workplace.**

a. True

b. False

**RATIONALE:** Employers are required by the OHSA, s.42 (1) to educate workers who are likely to be exposed to a controlled product on the job. To help control exposure to designated substances, your employer must put in place a control program for each substance a worker may be exposed to. This control program must include a written plan, exposure control measures, air monitoring measures and methods of analysis, and a medical surveillance program (OHSA, Reg. 490, s. 20).

**3. If you may be exposed to a designated substance on the job, you must review the written control program created by your employer before starting your work.**

a. True

b. False

**RATIONALE:** According to the Occupational Health and Safety Act, "every worker shall work in compliance with the work practices and hygiene practices in accordance with every control program respecting a designated substance that applies to the workplace." (Reg. 490/09, s. 26). This means that you must follow the control program put in place by your employer in order to help keep you safe. If you have any questions regarding how to handle a designated substance, always ask your supervisor before beginning work.

**4. Designated substances: (Circle all that apply)**

- a. Can be hidden or unknown so they may not be identified on sites
- b. Are always identified on a safe work permit
- c. Can be present without workers knowing so it is important to understand where they may be encountered
- d. Are identified if they are known to exist on sites

**RATIONALE:** It is important to remember that not all dangers are out in the open—some may be hidden. In fact, we can come into contact with dangerous substances every day without even realizing it. Some workers encounter hazardous substances by surprise when performing routine tasks. Being aware of where you may encounter these substances can help keep you safe.

**5. The health effects of exposure to a designated substance may be immediate or they may take days, months, or even years to surface.**

- a. True
- b. False

**RATIONALE:** “Latency period” is the time it takes for an adverse health effect to develop after first exposure to a hazard.