

## Small Group Instructional Activity Sessions

### **Quiz Bowl**

**To be presented following the “Health Effects of Beryllium” section and the “Beryllium Exposure Recognition and Control” section of training.**

**Purpose:** Reinforce learning of the primary educational objectives for the participants. Incorrect answers will help us identify topics or slides that need revision or additional explanation.

**Method:** Following the “Health Effects of Beryllium” section of the presentation slides, slides from the file “BerylliumTrainingActivities.pptx” titled “Health Effects Quiz Bowl” should be shown on the screen. The question will be read aloud, and the participants will be asked to provide their responses via the Audience Response System, verbally, or using separate pieces of paper or cards with the numbers 1-4 printed on them. If using an audience response system, the participants’ answers will be displayed in graphical form on the screen. The correct and incorrect answers will be discussed. This activity should be repeated following the “Beryllium Exposure Recognition and Control” section of the presentation slides using the slides titled “Beryllium Exposure Quiz Bowl” in the “BerylliumTrainingActivities.pptx” file.

**Materials:** Audience Response System or answer cards marked 1-4 for each participant, BerylliumTrainingActivities.pptx

### **Glo-Germ™ Activity**

**To be presented during the Beryllium Exposure Recognition and Control Module, typically before the slide titled “How are beryllium exposures controlled in the workplace?”**

**Purpose:** To demonstrate and reinforce the importance of the spread of beryllium particles in the workplace and on the skin.

**Method:** The pre-test papers will be dusted with the “Glo-Germ™” product (which is a fluorescent polystyrene powder) with a make-up brush and handed out and collected as normal. During the Beryllium Exposure Recognition and Control Module we will have the class break-up into groups of five. Each group will receive a black light to examine their hands and faces for traces of fluorescent powder. The trainer will discuss how this simulates the spread of beryllium contamination throughout a facility. We will discuss methods to reduce the spread of beryllium in a facility.

**Materials:** Glo-Germ™, make-up brush, pre-tests, black lights (10)