

Tech 462
Chapter 8
Homework

4.) Describe three types of point-of –operation guards.

- ◆ Fixed guards provide a permanent barrier between workers and the point of operation.
- ◆ Interlocked guards shut down the machine when the guard is not securely in place or is disengaged.
- ◆ Interlocked guards provide a barrier against a variety of different hazard associated with different production operations.

7.) Describe the primary hazards associated with robots.

- ◆ Entrapment of a worker between a robot and a solid surface.
- ◆ Impact with a moving robot arm.
- ◆ Impact with objects ejected or dropped by the robot.

9.) What is a lockout system?

In a lockout system a padlock is placed through a gate covering the activating mechanism or is applied in some other manner to prevent a machine from being turned on until the lock is removed.

10.) What is a tagout system?

A tagout system is exactly like a lockout system except a tag is substituted for the lock

13.) Explain the concept of risk assessment.

It is the process of quantifying the level of risk associated with the operation of a given machine.