

Machine Hazards & Safety Assessment

Name: _____ Date: _____

- 1) Most accidents with machinery are the result of human error.

True or False

- 2) Define Shear Points.
(short answer)

- 3) Define Cutting Points.
(short answer)

- 4) Define Pinch Points.
(short answer)

- 5) Crush points are created when two objects move toward one another or one object moves toward a stationary one.

True or False

- 6) The _____ should be contacted to assist Supervisors and personnel in determining personnel protective equipment needs.
(fill in the blank)

- 7) Foot pedal mechanisms will be located and _____ so that they cannot be activated by falling objects or other accidental means.

- a) adjusted
- b) guarded
- c) secured
- d) lowered

- 8) Whenever a guard is removed for other than an operational requirement, the machine will be shut down and the control switch(es) locked and tagged in the _____ position.

- a) on
- b) off
- c) start
- d) stop

9) How do you guard against Shearing Action.
(short answer)

10) How do you guard against Transverse Motions.
(short answer)

Key Machine Hazards & Safety – Assessment

- 1) Most accidents with machinery are the result of human error.

True or False

- 2) Define Shear Points.

Shear points are created when the edges of two objects are moved closely enough together to cut softer material, as in the case of a pair of scissors or an auger.

- 3) Define Cutting Points.

Cutting points are created when a single object moves forcefully or rapidly enough to cut through materials.

- 4) Define Pinch Points.

Pinch points are formed when two rotating objects move together and at least one of them moves in a circle.

- 5) Crush points are created when two objects move toward one another or one object moves toward a stationary one.

True or False

- 6) The _____ should be contacted to assist Supervisors and personnel in determining personnel protective equipment needs.

Safety and Health Manager

- 7) Foot pedal mechanisms will be located and _____ so that they cannot be activated by falling objects or other accidental means.

- a) adjusted
- b) guarded**
- c) secured
- d) lowered

8) Whenever a guard is removed for other than an operational requirement, the machine will be shut down and the control switch(es) locked and tagged in the _____ position.

- a) on
- b) off**
- c) start
- d) stop

9) How do you guard against Shearing Action.

Guarding is accomplished through fixed barriers, interlocks, remote control placement (2 hand controls), feeding or ejection.

10) How do you guard against Transverse Motions.

A fixed or hinged guard enclosure provides protection against this exposure.