



	Berry Bros. General Contractors, Inc. Corporate Policy Procedure (HSE) Health, Safety & Environmental Policies and Procedures Manual	
Issue Date: 04-24-2008		Section # 49
Page: 1 of 5		Doc # SWP - 49
Approver: Joe Berry		Revision: 1
MACHINE GUARDING		

CONTENTS	SUBPART
PURPOSE	A
RESPONSIBILITIES	B
SIGNS AND MARKINGS	C
HAZARDS	D
HAZARD CONTROLS	E
MACHINE GUARDING REQUIREMENTS	F
GENERAL REQUIREMENTS FOR MACHINE GUARDS	G
TRAINING	H

SUBPART A - PURPOSE

The Machine Guard Program is designed to protect Berry Bros.' employees from the hazards of moving machinery. All hazardous areas of a machine shall be guarded to prevent accidental "caught in" situations.

References: *General Requirements for all Machines* (29 CFR 1910.212), *Woodworking Machinery* (29 CFR 1910.213), *Abrasive Wheels* (29 CFR 1910.215), *Power Presses* (29 CFR 1910.217), *Power Transmission* (29 CFR 1910.219).

The purpose of this plan is to:

- Create awareness among our workforce of the potential hazards of machines, and to stress the need for effective machine guarding.
- Provide a consistent format for training employees on the proper procedures to be used when working with machines.
- Minimize the possibility of injury or harm to the employees who use machines.
- Demonstrate our company's compliance with all requirements regarding machine guarding.



	<p style="text-align: center;">Berry Bros. General Contractors, Inc. Corporate Policy Procedure</p> <p style="text-align: center;">(HSE) Health, Safety & Environmental Policies and Procedures Manual</p>	
Issue Date: 04-24-2008		Section # 49
Page: 2 of 5		Doc # SWP - 49
Approver: Joe Berry		Revision: 1
MACHINE GUARDING		

SUBPART B - RESPONSIBILITIES

Management

- Ensure all machinery is properly guarded.
- Provide training to employees on machine guard rules.
- Ensure new purchased equipment meets the machine guard requirements prior to use.

Supervisors

- Train assigned employees on the specific machine guard rules in their areas.
- Monitor and inspect to ensure machine guards remain in place and functional.
- Immediately correct machine guard deficiencies.

Employees

- Do not remove machine guards unless equipment is locked out and tagged out.
- Replace machine guards properly and promptly.
- Report machine guard problems to supervisors immediately.
- Do not operate equipment unless guards are in place and functional.
- Only trained and authorized employees may remove machine guards.

SUBPART C - SIGNS AND MARKINGS

When necessary, signs and markings are used to identify hazardous conditions relating to machine operations throughout the facility and work site if applicable.

Signs and tags are used as a means to prevent accidental injury or illness to employees who are exposed to hazardous or potentially hazardous conditions, equipment, or operations as they relate to machine operations.

SUBPART D - HAZARDS

The use of machinery or equipment with inadequate guards or damaged controls can result in:



	Berry Bros. General Contractors, Inc. Corporate Policy Procedure (HSE) Health, Safety & Environmental Policies and Procedures Manual	
Issue Date: 04-24-2008		Section # 49
Page: 3 of 5		Doc # SWP - 49
Approver: Joe Berry		Revision: 1
MACHINE GUARDING		

- Amputation
- Skin Burns
- Cuts & fractures
- Death

SUBPART E - HAZARD CONTROLS

The controls used to prevent exposure to moving or energized machine parts include:

- Machine guards
- Interlocks
- Pressure sensing devices
- Gates
- Two-hand controls
- Employee training

SUBPART F - MACHINE GUARDING REQUIREMENTS

- Guards shall be affixed to the machine where possible and secured.
- A guard shall not offer an accident hazard in itself.
- The point-of-operation of machines whose operation exposes an employee to injury shall be guarded.
- Revolving drums, barrels and containers shall be guarded by an enclosure, which is interlocked with the drive mechanism.
- When periphery of fan blades are less than 7 feet above the floor or working level the blades shall be guarded with a guard having openings no larger than 1/2 inch.
- Machines designed for a fixed location shall be securely anchored to prevent walking or moving. For example; Drill Presses, Bench Grinders, etc.

SUBPART G - GENERAL REQUIREMENTS FOR MACHINE GUARDS

- Guards must prevent hands, arms or any part of an Employees body from making contact with hazardous moving parts. A good safeguarding system eliminates the possibility of the operator or other Employees from placing parts of their bodies near hazardous moving parts.



**Berry Bros. General Contractors, Inc.
Corporate Policy Procedure**

Section # 49

Issue Date: 04-24-2008

**(HSE) Health, Safety & Environmental
Policies and Procedures Manual**

Doc # SWP - 49

Page: 4 of 5

Revision: 1

Approver: Joe Berry

MACHINE GUARDING

- Employees should not be able to easily remove or tamper with guards. Safety devices and should be made of durable material that will withstand the conditions of normal use and must be firmly secured to the machine.
- Guards should ensure that no objects could fall into moving parts. An example would be a small tool, which is dropped into a cycling machine, could easily become a projectile that could injure others.
- Guard edges should be rolled or bolted in such a way to eliminate sharp or jagged edges.
- Guards should not create interference, which would hamper Employees from performing their assigned tasks in an efficient manner.
- Lubrication points and feeds should be placed outside the guarded area to eliminate the need for guard removal.

SUBPART H - TRAINING

All Employees shall be provided training in the hazards of machines and the importance of proper machine guards. Machine safety and machine guarding rules will be thoroughly explained as part of the new hire orientation program and annually as refresher safety training.

Revision Date: 11/11/14

Approved By: Joe Berry & Safety Committee
