



Machine Guard

Web EHSdesk™ provides a fully integrated suite of web-based software modules designed to support administrative, operational, and business process information management associated with Environment, Health, and Safety (EHS).

The **Machine Guard (MG)** module allows the assessor to detail the equipment-specific machine guard assessment using a checklist that guides the assessor through questions aimed at ensuring all requirements of the machine guarding program are satisfied. MG provides for documentation of specific hazards, guards, and pictures showing the equipment once it is properly guarded. The printed Machine Guard Summary Report may be posted at the equipment and used as an operator reference.

Features and Functionality

- Machine Guard Worksheet to help gather necessary data
- Simple questionnaire to document the justification for the existence of machine guards
- Predefined pictures assigned to equipment that demonstrate proper guarding
- Machine guard summary report may be printed in an easy to read format to be laminated and posted at the equipment

Benefits

- Provides consistent process to document and manage machine guard inventory information
- Provides proof that equipment has been assessed to determine the machine guard hazards
- Posting report enables authorized personnel to safely operate machinery per the visual posting report, serving as a safety reference tool

Edit Machine Guard Summary

The following is a summary of the Machine Guard Assessment for the selected Equipment.

Equipment Details	
Equipment Id: GR-123456	Category: Grinding Machine
Equipment Status: Active	Equipment Description: Vertical Grinder
Location: Training Site II Main Building	
Organization: Engrg Administration	

Assessment Details	
Assessment Date: 09/30/2011	Machine Guarding Required?: Yes
Assessed By: Doe, Jane	Redundant Guarding Required?: No
CAR Status: None	LOTO ECP Status: None

Assessment Questions		
Step	Question	Answer
ONE	Does the machine require guarding?	Yes
TWO	Has the detailed machine guard assessment been completed?	Yes

Guards		
Guard Name	Guard Location	Hazard

Machine Guard Summary Page

Edit Machine Guard Assessment - Questions

Step ONE

Does the machine require guarding?

If you answer "Yes" to the following question, the machine requires guarding. Proceed to Step TWO; otherwise STOP.

Question 1 of 22

If you answer "Yes" to the following question, the machine requires guarding. Proceed to Step TWO; otherwise STOP.

Yes N/A
 No

Comment:

Select the correct answer, then click Next to continue.

[NEXT](#)

[SAVE AND EXIT](#)

Machine Guard Assessment Questionnaire

- List of Guards per machine associated with hazard
- Typical Users include EHS Professionals, Facilities & Services Maintenance Personnel, and Shop Floor Operations Personnel (rely on Machine Guard Summary Report)

Reports

- Ad hoc reporting is available using a flexible search with multiple filters; query results can be printed or saved to an Excel™ or Acrobat™ format
- Machine guard assessment status readily available to view all equipment and associated status (Draft, Final, or Not Assessed)
- User-friendly machine guard posting report displaying pictures and guarding information available to print, laminate, and post at equipment

Integration Points

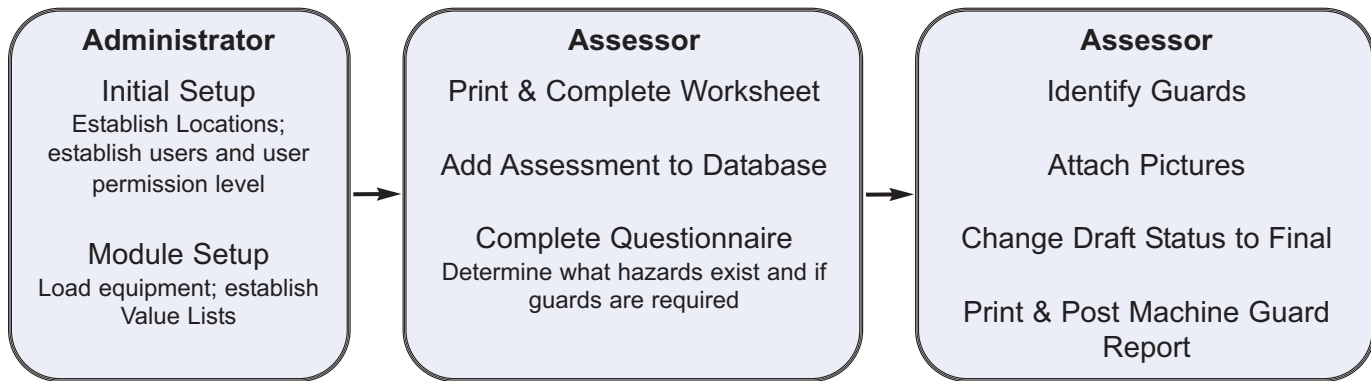
- EHSdesk **Corrective Action Request (CAR)**: a CAR can be created during the assessment to correct a missing or deficient machine guard

Compliance

Facilitates compliance with 29 CFR 1910.211 through 29 CFR 1910.244



Process Flow



Machine Guard Summary Report

Equipment Details

Equipment Id: Grinder123
Equipment Status: Active
Location: All Locations|Middletown
Category: Grinding Machine
Description: Vertical Grinder

Assessment Details

Assessment Date: 03/07/2008
Assessed By: Doe, Jane
CAR Status: None
Comments: Contact area supervisor when assessment is finalized.
Machine Guarding Required?: Yes
Redundant Guarding Required?: Yes
LOTO ECP Status: Draft

Guards

Guard Name	Guard Location	Hazard
Barriers/Railings	Front	Rotating Table
Emergency Stop	Front	Use of the Machine
Fixed	Left Side	Flying Debris

Pictures

