

SAFETY AND HEALTH STANDARDS

MACHINE GUARDING

Effective Date: 10/14/11	Standard: 16.8	Document Number: KUCSH0058	Rev: 4
--------------------------	----------------	----------------------------	--------

16.8.2.6 The ideal characteristics of a guard are as follows:

- Ensure that access to danger points is blocked during the operation of the machine.
- Be a permanent part of the machine without weakening the structure.
- Not create additional safety hazards such as pinch points and splinters.
- Designed in such a manner as to provide access to parts requiring adjustments, maintenance, or repair and still eliminate contact with moving parts.

16.8.2.7 An area guard is a barrier which prevents entry into an area containing moving machine parts, thus preventing contact with the moving parts. Effective area guards may require additional practices and provisions such as signage, locks, color coding, etc., in addition to the physical barrier. When designing, installing and / or using area guards, consider:

- Security of the area.
 - Area locked or bolted
 - Guard prevents entry into the area
- Isolations procedures.
- Warning signs and color coding.
- Frequency of entry into the guarded area
- Number of people requiring access into guarded area
- Education and training in proper procedures

16.8.2.8 All new equipment must be inspected for proper guarding prior to release for service.

REFERENCES:

MSHA 30 CFR 56 Subpart M

MSHA Machine Guarding Handbook

OSHA 29 CFR 1910.220

KUC Safety and Health Standard No. 15.6 Color Coding

KUC Safety and Health Standard No. 16.12 Lockout / Tagout (Isolation)

REVISION HISTORY:

MOC#	Description of Change	Prepared By	Date
------	-----------------------	-------------	------

SAFETY AND HEALTH STANDARDS MACHINE GUARDING

Effective Date: 10/14/11	Standard: 16.8	Document Number: KUCSH0058	Rev: 4
--------------------------	----------------	----------------------------	--------

17387	Scheduled Review and update. Include document retention times and definitions. Also, updated format and Document number added.	KUC Safety and Health Standards Committee	10/11