

Manual Section 7	Issue Date 06/02/13	Revision Date 06/15/21	Policy Number LLCP-090
	Machine Guarding		

Requirements

All machinery guarding shall conform to the Occupational Safety and Health Administration, Dept. of Labor, 29 CFR, 1910.211, 1910.243.

Scope

All LLC Companies including, Blanchard Industrial, LLC, GIS Engineering, LLC, Grand Isle Shipyard, Inc., and GWIS, Mack Steel, NuWave, Sun Industries; hereafter identified as “Company”.

Guidelines

All guards shall protect the operator and other employees from hazards such as those created by point of operations, ongoing nip points, rotating parts, flying chips and sparks.

Supervisors and lead men are responsible for ensuring guards are adequate and in place during all work activities. The Corporate HSE Director shall be consulted if questions arise as to what is adequate guarding.

All guards will be affixed to the machine where possible and secured elsewhere if not feasible to be directly attached to the machine.

Barrier guards may be used in lieu of point specific guards where appropriate.

Abrasive Wheel Machinery

- All abrasive wheels shall be checked upon installation to assure the machine or spindle RPM speed is not greater than the safe RPM recommended for that particular wheel being installed.
- The wheel shall fit freely on the spindle.
- The spindle bushing, if used, must be narrower than the wheel.
- Fixed machines shall be securely anchored to prevent movement or tipping.
- Guards must be in place for every abrasive wheel and brush.
- The safety guard for fixed grinders shall cover the spindle end, nut, and flange projections and shall be mounted to maintain proper alignment and limit the wheel exposure to 90 degrees.
- Wheel exposure shall not begin more than 65 degrees above the horizontal plane of the spindle.
- Work rests shall be used on all fixed grinding machines and will be set to within 1/8 inch of the wheel.
- All bench pedestal grinders must have adjustable tongues with adjustable tongue guards with the guard being set to clear the abrasive wheel by not more than 1/4 inch.

Personal Protective Equipment

Appropriate eye, face, and hearing protection (goggles/face shield, earplugs/earmuffs) shall be available and worn when using all permanent wheel machines, and portable grinders.

A sign shall be posted near all fixed abrasive wheel machinery noting that goggles/face shields, and hearing protection are required.