

MIOSHA Fact Sheet



Part 62. Plastic Molding Rule Changes

Background

Changes are necessary, in-part, due to General Industry Safety and Health Standard [Part 2. Walking-Working Surfaces](#) (GI Part 2). Changes were also made to remove different requirements for pre-1973 Horizontal Injection Molding Machines (HIMM) and those manufactured after 1973, and to remove redundant rules covered by other General Industry Safety and Health Standards.

The Advisory Committee for General Industry Safety and Health Standard [Part 62. Plastic Molding](#), approved changes to the existing Part 62. Plastic Molding standard and are effective, as amended, March 26, 2021.

Rule Changes

- Referenced Standards. R 408.16202(a)(b). General Industry Safety and Health Standards Part 2. Walking-Working Surfaces and General Industry Safety Standards [Part 85. The Control of Hazardous Energy Sources](#) are adopted by reference.
- Definitions. R 408.16207. Sub-rule (3) added the definition of a “Safety Gate”. Old sub-rules (3) and (4) become sub-rules (4) and (5) respectively.
- Employer Responsibilities. R 408.16211(3). Language change to ensure all safety devices, not just interlocks, are periodically checked to ensure they are functional and properly adjusted.
- Platforms and ladders. R 408.16223 is rescinded. Platforms and ladders are covered under GI Part 2. Walking - Working Surfaces.
- Lubrication and maintenance. R 408.16227 is rescinded. Lubrication and Maintenance is covered under GI Part 85. The Control of Hazardous Energy Sources (Lockout/Tagout).
- Injection molding machinery. R 408.16234. There are significant changes to this rule.
 - Old sub-rule (2) rescinded. Reference and requirements regarding date of manufacture for HIMM is removed so that all HIMM have the same requirements.
 - New sub-rule (2)(d). A fourth option was added for HIMM with electrical mold closing controls to have a second electrical mold control as one of the 2 devices interlocked with the operator’s safety gate. This allows for newer HIMM manufactured without the mechanical locking device to operate in Michigan.
 - Sub-rule (3)(a)(b)(c) were added requiring vertical clamp injection molding machines to have a mechanical restraint device and a safety gate interlocked with 2 devices.

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Consultation Education and Training Division
530 W. Allegan Street • P.O. BOX 30463 • LANSING, MICHIGAN 48909
www.michigan.gov/miosha • (517) 284-7720
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- Sub-rules (5) and (6). Minor language changes for clarification.
- Sub-rules (9)(10) and (11) are rescinded. Mold changes on HMM must now comply with GI Part 85. The Control of Hazardous Energy Sources (Lockout/Tagout).
- Other machinery. R 408.16251 is rescinded. Woodworking machinery used in the processing of plastics will be covered under General Industry Safety and Health Standard [Part 1. General Provisions](#).

Complying with the Rule Changes

- There is no additional burden placed on employers as rules already exist and new proposed rule changes add clarification providing the ability to choose the most economical way to comply.

Resources and Recommendations

- While compliance with voluntary consensus standards for safety requirements for horizontal injection molding machines are not enforceable by MIOSHA, they can be used as guidance to reduce safety risks.

MIOSHA Enforcement Policy

- The MIOSHA General Industry Safety and Health Division has been enforcing the existing lockout provisions of Part 85. Control of Hazardous Energy Sources for all horizontal injection mold machine die changes since January 1, 2017.

Consultation and Compliance Resources and Assistance

- MIOSHA's Consultation Education and Training (CET) Division offers statewide safety and health assistance to employers and employees. To learn more about free services available from CET, or to request a visit, call 517-284-7720 or 800-866-4674, or submit your request electronically at www.michigan.gov/cetra. For MIOSHA seminars and other training opportunities, visit www.michigan.gov/mioshatraining. Additional Lockout/Tagout (https://www.michigan.gov/leo/0,5863,7-336-94422_11407_30453-93831--,00.html) resources are also available on the MIOSHA website at www.michigan.gov/miosha.