

**GI Part 63. Pulp, Paper, and Paperboard Mills
Compared With
29 C.F.R. 1910.261 Pulp, Paper, and Paperboard Mills**

As of May 2015

Summary: The significant differences between GI Part 63. Pulp, Paper, and Paperboard Mills and 29 C.F.R. 1910.261 Pulp, paper, and paperboard mills are in:

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| <ul style="list-style-type: none"> • Employer responsibility • Employee responsibility • Power controls • Hydraulic and pneumatic systems • Maintenance • Guarding • Material handling • Skip hoists • Chip and bark piles • Woodyard unloading | <ul style="list-style-type: none"> • Flumes, runways, and jack ladders • Chippers • Knot cleaner • Safety valves • Dryer • Rope carrying system • Rider roll • Powered roll ejector • Roll splitter • Paper baler |
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The comparison below show only those provisions where MIOSHA rules are different than OSHA or where MIOSHA rules are not included in 29 C.F.R.

****means there is a comparable OSHA rule to this paragraph

MIOSHA	OSHA
<p>R 408.16311. Employer responsibility. Rule 6311. An employer shall do all of the following: (a) Provide training to each employee regarding the hazards and safeguards before starting an assigned job. (b) Provide personal protective equipment that is necessary to protect an employee from the hazards of the job according to the requirements of R 408.16313 and General Industry Safety Standard Part 33 "Personal Protective Equipment," as referenced in R 408.16302. (c) Prevent the operation of a machine that is not guarded according to Michigan Occupational Safety and Health Administration (MIOSHA) standards, that has a defective guard, or that is otherwise unsafe. (d) Establish and maintain a lockout procedure as prescribed in R 408.16323(4). (e) Comply with the requirements of this part.</p>	<p>No comparable OSHA provision</p>
<p>R 408.16312. Employee responsibility. Rule 6312. An employee shall: (a) Use personal protective equipment furnished by the employer. (b) Report to a supervisor any machine or safeguard which is defective.</p>	<p>No comparable OSHA provision</p>

MIOSHA	OSHA
<p>(c) Not remove a guard except for authorized operational or maintenance purposes. The guard shall be replaced or equivalent guarding installed before the machine is returned to production.</p> <p>(d) Not operate any machine or equipment unless trained in the operating procedures, hazards and safeguards and has been authorized to do so.</p>	<p>No comparable OSHA provision</p>
<p>R 408.16323. Power controls. Rule 6323. (1) ****</p> <p>(2) A machine attended by more than 1 operator shall be equipped with a control for each operator exposed to a point of operation hazard. These controls shall be interlocked to prevent operation unless each control is operated concurrently.</p> <p>(3) to (5)****</p>	<p>Equivalent</p> <p>No comparable OSHA provision</p> <p>Equivalent</p>
<p>R 408.16326. Hydraulic and pneumatic systems. Rule 6326. (1) A hydraulic or pneumatic system shall have a designed safety factor of at least 4.</p> <p>(2) ****</p>	<p>No comparable OSHA provision</p> <p>Equivalent</p>
<p>R 408.16327. Maintenance. Rule 6327. Machinery and equipment in use shall be maintained in safe order.</p>	<p>No comparable OSHA provision</p>
<p>R 408.16328. Guarding. Rule 6328. (1) ****</p> <p>(2) When material such as chunks or cants of wood or logs can be thrown from a barker or chipper, a barrier to contain the material shall be erected and maintained.</p> <p>(3) ****</p>	<p>Equivalent</p> <p>No comparable OSHA provision</p> <p>Equivalent</p>
<p>R 408.16331. Material handling. Rule 6331. (1) to (8)****</p> <p>(9) An employee shall not ride on a powered hand truck unless it is so designed by the manufacturer. A limit switch shall be on the operating handle – 30 degrees each way from a 45-degree angle up and down beyond which the drive motor is electrically disconnected and braking action commences.</p>	<p>Equivalent</p> <p>No comparable OSHA provision</p>

MIOSHA	OSHA
<p>R 408.16335. Skip hoists. Rule 6335. A skip hoist, unless completely enclosed, shall be equipped with:</p> <ul style="list-style-type: none"> (a) A warning device to announce movement. (b) An interlocking gate across the bucket loading opening. (c) A standard barrier across any open side. 	<p>No comparable OSHA provision</p>
<p>R 408.16339. Chip and bark piles. Rule 6339. (1) ****</p> <p>(2) Mobile equipment shall not mount a chip or bark pile unless the operator is protected by a rollover protection device.</p>	<p>Equivalent</p> <p>No comparable OSHA provision</p>
<p>SPECIFIC PROVISIONS</p>	
<p>R 408.16341. Woodyard unloading. Rule 6341. (1) to (7)****</p> <p>(8) A truck driver shall not remain in the truck during unloading operations.</p>	<p>Equivalent</p> <p>No comparable OSHA provision</p>
<p>R 408.16343. Flumes, runways and jack ladders. Rule 6343. (1) A flume or water runway used to transport logs shall have a standard barrier along the exposed sides. The height of the sides of a flume or runway extending above ground, floor, or platform level may be counted as part of the 42 inches as prescribed for a standard barrier in R 408.10231 of General Industry Safety Standard Part 2 "Floor and Wall Openings, Stairways and Skylights," as referenced in R 408.16302.</p> <p>(2)****</p>	<p>No comparable OSHA provision</p> <p>Equivalent</p>
<p>R 408.16347. Chippers. Rule 6347.(1) to (2)****</p> <p>(3) The chipper hopper shall be enclosed not less than 40 inches from the blades to the opening and be baffled to prevent wood from being thrown from the hopper.</p> <p>(4) to (6)****</p>	<p>Equivalent</p> <p>No comparable OSHA provision</p> <p>Equivalent</p>
<p>R 408.16349. Knot cleaner. Rule 6349. A knot cleaner of the woodpecker type shall have the operating area enclosed to protect an employee passing by.</p>	<p>No comparable OSHA provision</p>

MIOSHA	OSHA
<p>R 408.16356. Safety valves. Rule 6356. (1) to (3)****</p> <p>(4) The vent for a safety valve shall discharge into an area that does not create a hazard for an employee.</p>	<p>Equivalent</p> <p>No comparable OSHA provision</p>
<p>R 408.16372. Dryer. Rule 6372. (1) ****</p> <p>(2) In starting a dryer section, steam to heat the drums shall be introduced slowly while the drums are turning. (3) A broken carrier rope shall not be removed from a dryer while the section is running at operating speed. (4) The end of a “yankee” type dryer exposed to contact shall be guarded by a barrier to prevent entry to the turning drum.</p>	<p>Equivalent</p> <p>No comparable OSHA provision</p>
<p>R 408.16376. Rope carrying system. Rule 6376. The sheave and support brackets of a rope carrying system shall have a designed safety factor of not less than 3.</p>	<p>No comparable OSHA provision</p>
<p>R 408.16382. Rider roll. Rule 6382. A rider roll shall be pinned or secured when it is in the raised position.</p>	<p>No comparable OSHA provision</p>
<p>R 408.16383. Powered roll ejector. Rule 6383. A powered roll ejector shall be interlocked to prevent accidental activation until the receiving platform or lowering table is in position to receive a roll.</p>	<p>No comparable OSHA provision</p>
<p>R 408.16384. Roll splitter. Rule 6384. (1) A roll splitter shall have an interlocked barrier which will cover the point of operation before the blade will descend. (2) The blade shall be maintained in the down position when not in use.</p>	<p>No comparable OSHA provision</p>
<p>R 408.16392. Paper baler. Rule 6392. (1) A manually operated paper baler shall be provided with a device, such as a safety dog, to prevent a kickback by the operating lever. (2) A powered paper baler shall have a hopper door interlocked to the power source to prevent operation when the door is open. (3) A powered paper baler producing a bale with a compressed dimension of more than 42 inches shall have hook type door locks that permit a restricted pressure relieving opening of not more than 2 inches before the door can be completely opened.</p> <p>(4) to (5)****</p>	<p>No comparable OSHA provision</p> <p>Equivalent</p>

MIOSHA	OSHA
(6) Limit switches shall be provided to limit the stroke at both ends. A limit switch shall be provided at the top of an upstroke baler to shut off power when the pressure block is out of position.	No comparable OSHA provision

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