

**Part 20. Demolition
Detailed Comparison With
29 C.F.R. 1926 Subpart T – Demolition**

The comparisons show only those provisions where MIOSHA rules are different than OSHA or where MIOSHA rules are not included in 29 C.F.R.

MIOSHA	OSHA
<p>R 408.42031 Demolition generally. Rule 2031. (1) Before the start of a demolition operation, an employer shall ensure that all of the following are done:</p> <ul style="list-style-type: none"> (a) An engineering survey of the structure and equipment is conducted by a competent person knowledgeable in demolition to determine all of the following: <ul style="list-style-type: none"> (i) The condition of the foundation, roof, walls, and floors. (ii) Whether any adjacent structure will be affected by the demolition. (iii) The utility service entering the building. (iv) Any other conditions and equipment affecting the safety of an employee. (b) An employer shall ensure that there is a written report of the survey at the field office until the completion of the job. The report shall include information such as the name of the person conducting the survey, date of the survey, and hazardous substances and dangerous conditions found and their location. In an emergency situation, a survey is not required. If a field office does not exist at the demolition site, then an employer shall file the written report of the survey at the employer's main office. <p>(2) During demolition, an existing standpipe system shall remain in service as long as possible, and any sprinkler or standpipe system in a portion of a structure that is not subject to demolition shall remain in service.</p>	<p>No comparable OSHA provisions</p>
<p>R 408.42034 Material chutes and drops. Rule 2034.</p> <p>(2) Where material is dropped through more than 1 level, the opening shall be enclosed between the upper and lower levels, an enclosed chute shall be provided, or the intermediate levels shall be barricaded as prescribed in subrule (1) of this rule. If the drop is more than 40 feet inside the building, only an enclosed opening or chute shall be used. The chute or enclosure shall extend through the ceiling of the receiving level.</p> <p>(6) Where the drop is more than 20 feet outside the exterior of the building, a chute as prescribed in subrules (3) to (5) of this rule, shall be used and shall extend to within 8 feet of the lower level.</p> <p>(7) Removal of material, barricades, and chutes shall not be permitted until material handling by use of a chute ceases.</p>	<p>No comparable OSHA provisions</p>
<p>R 408.42041 Removal of chimneys, stacks, and walls. Rule 2041.</p> <p>(6) The materials from a brick or masonry chimney or stack that is manually demolished shall be dropped</p>	<p>No comparable OSHA provisions</p>

<p>inside the chimney or stack, unless an area around the chimney or stack that is equal in radius to 1/4 the height can be sealed off by a guardrail or barricade to prevent employee entry during the drop operation. If material is dropped inside the chimney or stack, any opening shall be closed or barricaded when material is being dropped.</p> <p>(8) Safety belts, lanyards, and lifelines, as prescribed in Part 45. Fall Protection, being R 408.44501 et seq. of the Michigan Administrative Code, shall be used to protect an employee on the chimney or stack during manual demolition.</p> <p>R 408.42043 Removal of structural steel. Rule 2043.</p> <p>(2) Scaffolds, as prescribed in Part 12. Scaffolds and Scaffold Platforms, being R 408.41201 et seq. of the Michigan Administrative Code, shall be provided for the employee to stand on while removing the structural steel or else the personal protective devices as prescribed in R 408.42041(8) shall be worn and used.</p> <p>R 408.42045 Mechanical demolition. Rule 2045.</p> <p>(8) When it is necessary to restrict the swing of a ball, a drag line or tag line between the ball and the crane shall be provided.</p> <p>R 408.42046 Demolition by use of explosives. Rule 2046.</p> <p>(2) Before firing of the explosive blast, employers and employees shall be removed from the area that might be affected by the blast.</p> <p>R 408.42047 Storage of debris. Rule 2047.</p> <p>(3) When mechanical equipment is used to place or remove stored material, all unnecessary employees shall be removed from the area.</p>	<p>No comparable OSHA provision</p>
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