

MIOSHA Fact Sheet



Aerial Work Platforms and Lifting Equipment

Equipment designed for multiple uses has become more and more common in the construction industry. A common piece of equipment that MIOSHA finds at construction sites is a crane equipped with a personnel platform designed to lift workers to an elevated location. Confusion has arisen regarding which MIOSHA standards apply to this multiple use piece of equipment.

MIOSHA Construction Safety Standards have two standards that may apply to the type of equipment described, Construction Safety and Health Standard [Part 10](#). Cranes and Derricks, and Construction Safety Standard [Part 32](#). Aerial Work Platforms.

Part 32

Rule 3202(1) states that the rules apply to equipment that has a primary function of elevating personnel, together with their tools and necessary materials, on a platform which is mechanically positioned. The units covered are described by the four following American National Standards Institute (ANSI) standards:

- ANSI standard A92.2-2001, Vehicle - Mounted Elevating and Rotating Aerial Devices.
- ANSI standard A92.3-2006, Manually Propelled Elevating Aerial Platforms.
- ANSI standard A92.5-2006, Boom-Supported Elevating Work Platforms.
- ANSI standard A92.6-1999, Self-Propelled Elevating Work Platforms.

Rule 3202(2) further states that equipment that has a primary function other than elevating personnel, such as fork trucks or cranes which are adapted to elevating personnel, are not covered by Part 32.

Conclusion - Part 10 or Part 32?

For an aerial lift to be covered by Part 32. Aerial Work Platforms, the piece of equipment must fall under the ANSI standards indicated above. This includes equipment with a lifting attachment designed into the piece of equipment addressed in ANSI A92.2-2001, Vehicle - Mounted Elevating and Rotating Aerial Devices. In these cases, Part 32 would be the specific (vertical) standard that would apply.

If a piece of equipment is primarily designed as a crane and has an aerial work platform attachment (and is not addressed in any of the ANSI standards listed above), then Part 10. Cranes and Derricks, would be the standard to apply to that piece of equipment.

For additional assistance, please contact the Construction Safety and Health Division at 517-284-7680 or the Consultation Education and Training Division at 517-284-7720. Construction Safety and Health Standards can be viewed on the MIOSHA website at www.michigan.gov/mioshastandards.

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