



Inspector's View

Paul D. Marsh, Arizona State Mine Inspector

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**The Arizona State Mine Inspector's Office, SERVING ARIZONA, SAVING LIVES,
Committed to Safety. Protecting the lives of Arizona Miners.**

FOCUS:

Starting in 2024 The Arizona Mine Inspector's Office will require Annual Inspections of Aerial Lifts, Scissor Lifts and Man Lifts to the standards of the Manufacture and American National Standards Institute - ANSI A-92 Aerial Lifts and will require that any deficiencies be repaired as required from that annual inspection report. Additionally, while inspecting an aerial lift site, inspectors from ASMI will evaluate the Operators Key Control availability at the lower control panel and for a trained qualified operator, to be readily available within line of sight to lower the aerial lift in event of an emergency.

The Arizona Mining Code standards that may be written are:

Arizona Revised Statutes ARS 27-304: The operator shall conduct his operation with due regard to health and safety. No operator shall fail to provide or use such safety devices and safeguards as are reasonably necessary to protect the life, health and safety of employees.

Arizona Revised Statutes Rules R-11-1-531: Unsafe equipment or machinery presenting an immediate danger must either be repaired immediately or be otherwise rendered not subject to further use until repaired.

The Arizona Mine Inspector's Office currently requires Annual Inspections of Mobile, Bridge and Fixed Cranes to the standards of the Manufacture and the American Society of Mechanical Engineers – ASME B30 and any deficiencies repaired as required from that annual inspection report. Together, these requirements will result in safer lifting equipment at Arizona Mines, Plants and Smelter Sites.

DECEMBER's TOP 5 WRITTEN VIOLATIONS:

- 1. Electrical Violations: R-11-801.** New electrical equipment shall be installed, maintained, and used in accordance with the National Electric Code.
- 2. Unsafe Equipment: R11-1-531.** Unsafe equipment or machinery presenting an immediate danger must either be repaired immediately or be otherwise rendered not subject to further use until repaired.
- 3. Guarding Machinery: 27-313-A.** All moving parts of machinery to which workmen may be exposed shall be adequately guarded. Guards shall conform to the standards set forth in the rules.
Guarding Machinery: 27-313-B. A guard or safety device necessary for safe operation which has been removed from any machine shall be replaced before the machine is returned to productive operations.
Design of Guards: R11-1-505. Guards shall be properly designed and sufficiently strong to provide the required protection and withstand the wear of normal operation.
- 4. Fire Extinguisher: R11-1-304.4** Fire extinguishers and fire suppression devices shall be inspected, tested, and maintained at regular intervals according to the manufacturer's recommendations, and a record showing the date of same be kept by the operator for a period of one year and be made available for review by the inspector.
- 5. Unsecured Gas Cylinders / Valves: R-11-309.** Valves on oxygen and acetylene tanks shall be kept closed when the contests are not being used.

SAFETY SHARE: January's Safety Share is on **Suspended Loads**. *Please feel free to share.*

If you have a topic that you would like to see, or share, please send to publicinfo@asmi.az.gov

BEST PRACTICE OF THE MONTH: January's Best Practice of the Month is regarding an **Acid Spill Drill** submitted by the Health & Safety Dept at Freeport McMoRan Bagdad Mine.

Submit your best practice, by sending it to publicinfo@asmi.az.gov to have it featured in an upcoming newsletter.