CTSI Memo: MSHA--Safety Program for Surface Mobile Equipment, 2024 Ruling

The Mine Safety and Health Administration has a new ruling out for mine operators of any size using Surface Mobile Equipment to have a Written Safety Program for such equipment operations. CTSI provides this summary as informational only to counties; counties will need to read the full standard and requirements. In part these are:

§ 56/57.23002 Written Safety Program

(a) Each operator shall develop and implement a written safety program for surface mobile equipment that contains the elements in this subpart, no later than **July 17, 2024.**

(b) Each operator shall designate at least one responsible person to evaluate and update the written safety program, no later than **July 17, 2024**.

§ 56/57.23003 Requirements for Written Safety Program

(a) The operator shall develop and implement a written safety program that includes actions the operator will take to:

- (1) Identify and analyze hazards and reduce the resulting risks related to the movement and the operation of surface mobile equipment.
- (2) Develop and maintain procedures and schedules for routine maintenance and non-routine repairs for surface mobile equipment.
- (3) Identify currently available and newly emerging feasible technologies that can enhance safety at the mine and evaluate whether to adopt them.
- (4) Train miners and other persons at the mine necessary to perform work to identify and address or avoid hazards related to surface mobile equipment.

This means each county with surface mining equipment will need to have a <u>written safety</u> <u>program</u> to comply with the above requirements.

- Identification of hazards related to movement and operation of mobile equipment can include:
    - Roadways, berms, movement of equipment and signage marking hazard areas, parking procedures for unattended equipment, on and off equipment, seat belts, dumping sites, unstable ground, slopes, ground control – as examples.
- Develop and maintain procedures and schedules for maintenance can include:
    - Procedures and schedules for maintenance and repairs of mobile equipment; how often, how it is done how are records maintained.
- Identify technologies to enhance safety can include:
    - Keeping up with industry technologies and training which could be adopted such as collision warning and avoidance systems, backup alarms, horns, cameras.   This may be through MSHA, through trade industries or from the distributor of equipment.
- Training Miners to identify hazards can include:
    - All persons affected must be trained in identifying and addressing associated hazards. Training may be integrated into the Part 46 Training (New Miner, Newly Hired Experienced Miner, Annual Refresher, Task Training, Site Specific Hazard Awareness Training).

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