LEARNING OBJECTIVES

1. Gain understanding of MSHA’s Most Cited Violations
2. Apply knowledge to recognize workplace hazardous conditions
ACTIVITY

• Rank your guess of the top 3 MSHA’s most frequently cited violations.
INTOXICATING BEVERAGES AND NARCOTICS

- Intoxicating beverages and narcotics shall not be permitted or used in or around mines.
- Persons under the influence of alcohol or narcotics shall not be permitted on the job.

Compliance Guidance:
- Coolers in POV
- Narcotics

Violations
Mobile equipment shall not be left unattended unless the controls are placed in the park position and the parking brake, if provided, is set. When parked on a grade, the wheels or tracks of mobile equipment shall be either chocked or turned into a bank.

Compliance Guidance:
- Chocks Must Be Proper Size for Equipment
- Tracked Equipment (Chock/Ditch/Bank)
- Chock (1/4 of the height of the tire)
- Inspection – (Neutral to a roll)
56.14112(B)  
CONSTRUCTION AND MAINTENANCE OF GUARDS.

• a) Guards shall be constructed and maintained to
  • (1) Withstand the vibration, shock, and wear …..and
  • (2) Not create a hazard by their use.
• (b) Guards shall be securely in place ….. except when testing or making adjustments which cannot be performed without removal of the guard.

Compliance Guidance:
• Framed – Sharp edges – Held (cotter pins, bolts, etc…)
• Continuity and resistance of grounding systems shall be tested immediately after installation, repair, and modification; and annually thereafter.

• A record of the resistance measured during the most recent tests shall be made available.

Compliance Guidance:
• All electrical must be identified (Ext. Cords, Microwaves, Fridges, Outlets)
• Intent - to ensure tests on a specific schedule to prevent elec. exposure.
• Safe means of access shall be provided and maintained to all working places

**Compliance Guidance:**

• Includes access to any locations (Ex. ????)

• Access must be maintained in good condition
56.12032
INSPECTION AND COVER PLATES.

- Inspection and cover plates on electrical equipment and junction boxes shall be kept in place at all times except during testing or repairs.

Compliance Guidance:
- Cover plates (All Screws must be in place)
- Knock outs most common violation.
(a) warning devices ……….. shall be maintained in functional condition.

Compliance Guidance:
- Wheeled, Skid-Mounted, Tracked Equipment
- If equipped – must function.
50.30(A) QUARTERLY REPORTS

• Preparation and submission of MSHA Form 7000–2 Quarterly Employment and Production Report.
• Submit the original to within 15 days after the end of each calendar quarter.

Compliance Guidance:
• Late Submissions – Most Common Violations
• Online Submission
• Amended or Late Reports – Mailed or Faxed
Electrical conductors exposed to mechanical damage shall be protected.

Compliance Guidance:
- Broad Standard – All exposed electrical.
- Outer Jackets, Broken Ground Prongs, Damaged Wires
(a) Moving machine parts shall be guarded to protect persons from ……moving parts that can cause injury.

(b) Guards shall *not be required where the exposed moving parts are at least seven feet away* from walking or working surfaces.

**Compliance Guidance:**

- Keep out sings/Chains – Insufficient.
- 7’ Rule is a min. standard. (Taller EE’s = Higher Guard Height)
- Stockpiles must be less than 7’ from hazard.
56.14100(B)  
SAFETY DEFECTS; EXAMINATION, CORRECTION AND RECORDS.

- (a) Self-propelled mobile equipment to be used during a shift shall be inspected by the equipment operator before being placed in operation on that shift.
- (b) Defects on any equipment, machinery, and tools that affect safety shall be corrected in a timely manner to prevent the creation of a hazard to persons.

Compliance Guidance:
- Applies to all off road and on-road self-propelled equip. (Heavy Equipment, Trucks, etc.,)
- Violations should be fixed immediately. (By next day)
56.14100(B)  
SAFETY DEFECTS; EXAMINATION, CORRECTION AND RECORDS.

• (c) …defective items … shall be taken out of service and placed in a designated area posted for that purpose, or a tag or other effective method of marking the defective items….

• (d) Defects on self-propelled mobile equipment affecting safety, which are not corrected immediately, shall be reported to and recorded by the mine operator.

Compliance Guidance:
MSHA REGIONAL EMPHASIS

HEAVY EQUIPMENT
- Pre-Shift Inspections – No. 1 Most frequently cited.
- Lights, Break Lights, Windshield Wipers (Front & Rear), Horns, Back-Up Alarm

TRUCKS (OTR)
- On Top of Trailer (Immanent Danger)
- Height Requirements > 4ft (Tie-Off) if hazardous (Jagged Rocks)
- Traffic Patterns & Site Specific Signage (Must be able to see in comparison MPH)

ADMINISTRATIVE
- Task Training, Annual Refresher & New Miner Documentation
- Training Plan (Do not limit Training Length – Ex. 15 min. to as needed)
- Traffic Patterns & Signage (MPH)