



Toolbox Safety Talks

Pre-Operation Checks (Underground)

- 1)** What are the hazards involved with not completing pre-operation checks?
 - a. Machinery in need of repair that may lead to personal injury, co-worker injury, or possibly a much larger event

- 2)** What hazards should you look for in your pre-operation check?
 - a. Equipment condition
 - b. Cable conditions
 - c. Communication devices (warning bells)
 - d. Panic bar
 - e. Brakes, lights, batteries
 - f. Accumulation of oil, grease, and coal

- 3)** What safe practices should be used when completing pre-operation checks?
 - a. Inspect the trailing cable for defects. Make sure that the splices are in good shape. Splices must be free of holes, and both ends must be sealed from moisture. Most splices are tightly taped on both ends to keep moisture from entering the cable
 - b. Check the lights, panic bar, brakes, and the fire suppression system
 - c. Clean off any accumulation of oil, grease, and coal
 - d. Make sure that the warning bell works
 - e. Bridge operators, check the panic system. Make sure that each piece of equipment is able to shut off the others. Once a panic bar is activated on one machine, the others should not be able to start until the panic control is released
 - f. Make sure fire suppression systems work. Most mobile bridge systems have a water fire suppression system, so it should be easy to check
 - g. Check battery cables and plugs for damage
 - h. Panic bars on all equipment
 - i. Make sure that the battery covers are secured in place

- 4)** What items should also be added to the list above?
- 5)** Are any of our machines in need of repair?
- 6)** Is there a way to improve our pre-operation check system?
- 7)** Has anyone had an accident or near-miss due to missing something on a pre-operation check?
- 8)** Can someone explain to me what items to look for during a pre-operation check on a shuttle car?



Rockwood Casualty Insurance Company (Rockwood) may provide safety management services to its insureds in order to reduce the risk of loss that may lead to insurance claims. The information and advice we provide is not intended to include all possible safety measures and controls. Rockwood does not warrant that losses and claims will be avoided or mitigated if our recommendations are followed. The safety management services we provide do not relieve the insured of its own duties and obligations with regard to safety matters, nor does Rockwood guarantee to the insured or others that the insured's property and/or operations are safe, healthful, or in compliance with applicable laws, regulations or standards. The insured remains responsible for its own operations, safety practices and procedures and should consult with legal counsel and safety professionals, of its own choosing, as it deems appropriate.



Toolbox Safety Talks

Pre-Operation Checks (Underground)

Date Presented: _____

Presented By: _____

Attendance Sheet



Rockwood Casualty Insurance Company (Rockwood) may provide safety management services to its insureds in order to reduce the risk of loss that may lead to insurance claims. The information and advice we provide is not intended to include all possible safety measures and controls. Rockwood does not warrant that losses and claims will be avoided or mitigated if our recommendations are followed. The safety management services we provide do not relieve the insured of its own duties and obligations with regard to safety matters, nor does Rockwood guarantee to the insured or others that the insured's property and/or operations are safe, healthful, or in compliance with applicable laws, regulations or standards. The insured remains responsible for its own operations, safety practices and procedures and should consult with legal counsel and safety professionals, of its own choosing, as it deems appropriate.