

Beginning Of Shift And Pre-operational Inspections

DMME

Division of Mineral Mining

AR 2012

Responsibility

- Regulations **4 VAC 25-40-130 & 450** require the certified foreman to inspect active workings at the beginning of each shift. Any hazard or unsafe condition found must be corrected prior to personnel starting work in the affected area.
- Regulations **4 VAC 25-40-145 & 460** require all personnel to inspect mobile and stationary equipment and their work area prior to starting work. Defects or unsafe conditions found are to be corrected or reported to the certified foreman.

Compliance

- Complaint and accident investigations have, on occasion, shown inspections to be inadequate or not done at all. In some cases, hazards and unsafe conditions were not identified, reported or corrected prior to starting work.

Virginia's Requirement

- As previously stated, our regulations require the certified foreman to do the inspection at the beginning of the shift, prior to personnel starting work and a detailed record kept.
- MSHA requires a competent person do an examination some time during the shift. Pre-operational inspection of equipment is required by MSHA. Ground control inspections must be done prior to the start of work in an area as well.

Policies, Procedures & Training

- Mine operators should have policies and procedures in place detailing how the required inspections are to be accomplished and documented based on the regulations.
- The certified foreman knows from his/her certification training what is required and should carry out their duties accordingly.
- Every miner's task training should include an understanding of pre-operational inspections of equipment and work areas as it applies to their specific task.

Equipment Operator's Pre-op

- Be certain the checklist used is applicable to the specific equipment and covers all desirable component.
- It should be understood that defects are to be noted as long as they remain defects.
- Operators should be informed as to how defects will be addressed and when.
- Operator training should include understanding when a defect requires the equipment be parked and tagged out and when it does not.
- The same requirements apply to stationary equipment.

PRE-SHIFT SAFETY CHECKLIST
Note: (fill out this sheet before starting shift)

JOB _____ DATE _____
EQUIPMENT TYPE _____
EQUIPMENT NUMBER _____ SHIFT NO _____

CODES: O-K REPAIRS MADE REPAIRS REQUIRED

	Safe	Unsafe
Safe to Operate?		
Back-up Alarm		
Brakes: Foot		
Brakes: Parking		
Fire Extinguisher		
Lights		
Horn		
Windshield Wipers		
Glass		
Grab-rails		
Steps		
Safety Guards		
Mirrors		
Seat Belts		
Tires-Wheels		
Steering		
Oil Level		
Water Level		
Was Machine ...?		
Hour Meter ...?		
Be ...?		
... oil hydraulic leaks		

Remarks: _____

Let's Check Your Inspection Skills

Is anything wrong in these
pictures?

Any Problems Mr. Quarry Foreman?



Any Issues Here?



Pre-op The Truck Cab



Any Concerns Here?



Inspect Your New Conveyor



Are the guards and emergency pull cord properly placed and adequate?



Pre-op Your Other Conveyors



Pre-op More Of The Plant



Pre-op Your Loader



Inspect The Control House



Inspect These Installations



Inspect This Contractor Crane Set-up



Pre-op The Rented Water Pump That Was Just Delivered



Follow Up

- The work ethic displayed by the certified foreman, day to day, in carrying out and documenting the beginning of shift inspection reinforces the importance of it to the personnel under them.
- By observation and occasionally accompanying personnel on their pre-op inspections, the foreman ensures the inspections are done properly.
- If miners are fully involved in identifying and correcting defects and unsafe conditions, the importance of these functions will be understood and taken seriously.

Identify and Act

- All miners must be able to identify defects and unsafe conditions as well as know what to do about them. If you possess the knowledge and materials needed to correct a problem, do it! If not, report it to the certified foreman.
- The certified foreman must identify and address issues in the areas they inspect as well as those reported to them. The actions of the foreman are critical to the safety of the miners and their attitude toward the process.

Empowerment

- The mine operator must empower the foreman to identify and correct hazards. Virginia law requires the mine operator to cooperate with the certified foreman in carrying out his duties.
- The foreman must empower and train the miners working under them to identify and correct or report hazards.
- Miners must be confident that the foreman will deal with hazards and unsafe condition in a timely and appropriate manner.