Video Quiz

Video Title: Underground Mine Safety
Length: 26:00
Vendor: Colorado Division of Minerals & Geology
Synopsis: The video talks about Small Underground Mine Safety

1. Always wear the following 5 types of PPE -- ________________.
2. Name 2 things you should inspect for when entering a mine. ____________________________
3. Name at least 3 things you do when you enter the workplace. __________________________
4. Name at least 4 things to check on a Jackleg Drill. ________________
5. Name at least 4 precautions when getting ready to mine. ____________________________
6. Explosives should be stored at least: a) 10, b) 25, or c) 50 feet off haulageway or constructed with 2 inches or more of hardwood.
7. Explosives should be stacked a) against the ribs, b) on a deck, c) on pallets
8. The explosives magazine must be enclosed as follows: ____________________________
9. Detonators should never be stored in same magazine as explosives. True__, False___.
10. Explosives cases should never be stacked more than a) 2, b) 4, c) 6, d) 8, or e) 10 ft high
11. ANFO bags do not need to be physically separated from explosives, safety fuse & detonating cord. True__, False__
12. Log book must keep track of all movement/use of explosives. True__, False__
13. It is alright to carry detonators on the same vehicle as other explosives. True__, False__
14. Tamping sticks should be __________, and primers must not be tamped ____________.
15. What precaution must be taken when blowing ammonium nitrate into a hole?
16. Bar Down the ________ first, then the ________.
17. A split set bolt is split along its entire length and is designed for areas where you might get ground movement. True__, False__.
18. A split set has less problem with shearing than solid bolts. True__, False__
19. The hole diameter for a split set bolt is smaller than the bolt. True__, False__
20. A split set bolt holds against the rock along its entire length. True__, False__
21. A Swellex bolt is installed like a Split Set. True__, False__
22. ______ at about ______ psi causes a Swellex bolt to swell. True__, False__
23. A Swellex bolt supports along its whole length. True__, False__
24. A mechanically-anchored bolt is wedged in on the end only and only ties the rock at the two ends together. True__, False__
25. When underground always ____________ air hoses before connecting.
26. Always use a ____________ to tie the air hose to the machine in case the connection becomes loose.
27. Always do a ____________ of equipment before beginning to work, ______ any defects, and _______ ___________ until it is repaired.

1) hard hat, safety glasses, steel-toed shoes, hearing protection, & respirator 2. Loose ground, Damaged support bolts etc. 3) sound back & ribs with a bar, bar loose, check roof support, check tools & equipment & maintain/replace before using, heck ventilation. 4) Fill oiler,blow dirt from air hose & connect, make sure whip check is in place (down on hose & other end on material part of machine), all drill components in good working order, drill steel clean, not bent, & good bit. 5) Bar down from back to ribs, right up to face & including face, check face for boot holes or missed holes & leftover explosives near face, mark face with centerline, grade, and outline of drift dimensions, move drill to face with air off, Feed control & throttle off when turning air on to machine, watch for the two pinch points, never straddle or stand behind machine. 6) 25, 7) d & c, 8) Steel door with 2 covered locks & two 5-tumbler padlocks on magazines main entrance, 9) T, 10) T, 11) T, 12) T, 13) F, 14) Non-sparking, violently, 15) Always ground for static, 16) back, ribs, 17) T, 18) T, 19) T, 20) T, 21) T, 22) Water, 4500, 23) T, 24) T, 25) blow out, 26) whip check 27) pre-operation check, log, remove equipment from service