

# Task Training Outline: Roof Bolt Machine Operator

Are the following tasks complete?	Yes	No	N/A	Comments
1. Review and understand the approved roof control plan.				
2. Check all personal protective equipment.				
3. Instruct on the function of the circuit breaker.				
4. Demonstrate proper inspection of the roof bolt machine's electrical trailing cable.				
5. Visually inspect the roof and ribs at the roof bolt machine's location.				
6. Identify and demonstrate how to use tools needed to remove loose roof and ribs.				
7. Conduct a walk-around inspection of the roof bolt machine; verbalize what to look for during the walk-around.				
8. Conduct a pre-operational check. Identify the location of the emergency shut-down controls (panic bars), fire suppression system starting points, and control levers at all locations on the machine.				
9. Start the roof bolt machine and demonstrate the function of all panic bars, levers, automated temporary roof support system (ATRS) and when and how to use the fire suppression system.				
10. Demonstrate and discuss visual inspection of the roof and ribs entering the area of the working place (face area).				
11. Demonstrate and discuss required methane checks.				
12. Demonstrate and discuss safe tramming procedures and positioning of both the roof bolt machine and operator.				
13. Discuss the hazards associated with the drilling process and installing roof bolts, include safe position of operators during the drilling process and advancing the roof bolt machine to install the next row of roof supports.				
14. Demonstrate proper method of roof bolt installation.				



15. Demonstrate roof bolt torquing procedures.				
16. Demonstrate end of shift shut down parking procedures.				
17. Demonstrate safe circuit breaker de-energizing, resetting, along with removal of the cat head and lock out procedures.				

*All task training procedures must comply with Federal and State law requirements.*

*KEMI does not assume liability for the content of information contained herein. Safety and health remain your responsibility. This information is to be used for informational purposes only and not intended to be exhaustive or a substitute for proper training, supervision or manufacturers' instructions/recommendations. KEMI, by publication of this information, does not assume liability for damage or injury arising from reliance upon it. Compliance with this information is not a guarantee or warranty that you will be in conformity with any laws or regulations nor does it ensure the absolute safety of any person, place or object, including, but not limited to, you, your occupation, employees, customers or place of business.*