

Company Name:	Equipment/Job Identification: DBT Type of Equipment: REMOTE CONTROL CONTINUOUS MINER OPERATOR Make: DBT America Model: 25M – 2 950 volt ac Year: Use:
Mine Name:	
Date of Analysis:	

Pre-Assessment

- **New Miner or Newly Hired Experienced Miner Training**

Duty 1: Start of Shift Activities

Learner will demonstrate and explain how to make preparations for a safe and healthful work shift through proper equipment selection and readiness. Start of shift activities will include the following steps:

Job Steps	Importance Narrative (Consider Safety, Production, Maintenance)	Importance Ranking	Satisfactory or Needs Work	Procedures/Risk Resolution/ Notes/Comments
		1=Important 2=Very Important 3=Critical		
Be on time	Another person not experience with running the equipment may have to fill in for you			Company policy
Change into work clothes				
Obtain safety equipment	Personal safety			
• Hard toe shoes				
• Hard hat	Personal safety-Protection of falling objects			
• Gloves				
• Get Kevlar gloves				Company safety policy (PPE)
• Get rubber gloves				Company safety policy (PPE)
• Hearing protection				Company safety policy (PPE)
• Safety glasses	Protect your eyes			
• Miner's belt				
• Check tags				

• SR100 SCSR	Protection from noxious gases			
• Worn on belt				
• Check SCSR				
• Check indicator				
• Check for damage				
• Check heat sensor if equipped				
• Check reflective material				Better visibility of personnel underground
• Harness				
• Hard hat				
• Clothes				
• Light				
• Inspect for conditions that compromise permissibility				
• Check lens cap lock in place				
• Cable insulation conditions				
• Check water level in battery				
• Check function of both bulbs				
Tag in				
Check for hand tools				
• Hammer				
• Spray wrench				
• Utility knife				
• Channel locks				
• Screwdriver				
• Extra water sprays				
Get methane spotter	Essential to check for methane			Liberates over 1 million cubic feet in 24 hours (Review properties of methane)
• Check battery				

• Checking calibration				
• Check for physical damage to case				
Check previous shift maintenance report				
• Look for down time				
• Check for potential problems				
Report to section foreman				
Get communication radios				
• Conduct radio check				
• Conduct visual exam				
• Take spare battery				
Obtain anemometer/velometer	Knowing your air flow helps to keep methane and dust under control			
Check supply of bits				
Check for proper pull ropes or straps				
Get on slope car/elevator				
• Wear safety glasses				
• Get on man trip when arriving at bottom				
Keep safety glasses on				
Keep arms and legs inside the mantrip				

Duty 2: Examining workplace

Learner will demonstrate how to conduct a safe and thorough workplace examination upon arrival at the work site. Learner will also explain the items to be checked and to ensure that proper controls are in place. A workplace examination should include the following:

Job Steps	Importance Narrative (Consider Safety, Production, Maintenance)	Importance Ranking	Satisfactory or Needs Work	Procedures/Risk Resolution/ Notes/Comments
		1=Important 2=Very Important 3=Critical		
Examine roof	Extremely fragile roof conditions Even small pieces of roof can cause serious injury			
Examine ribs	Sloughing causes serious injury			
Examine for slipping and tripping hazards	Third biggest lost time injury in the industry			
Check power supply breakers from cat head				
<ul style="list-style-type: none"> Check proper breaker setting 				
<ul style="list-style-type: none"> Check for insulation mat 				
<ul style="list-style-type: none"> Check for proper labeling 	Prevention of serious injury or death. Turning wrong power on could be lethal.			
<ul style="list-style-type: none"> Check for cable insulation damage 	Stray current could cause electrical shock involving death or serious injury			Scrapes, bruises, improper slices, worn splices
<ul style="list-style-type: none"> Check for restraining clamp 				
Check with previous shift when arriving on section for location of equipment				
Observe for moving equipment	Loss of life or disabling injury			Everyone needs to communicate and be visible
Check roof and rib conditions	Extremely fragile roof conditions Even small pieces of roof can cause serious injury			
Check bottom conditions	Third biggest lost time injury in the industry	2		
<ul style="list-style-type: none"> Check for slipping and tripping conditions 	Third biggest lost time injury in the industry			
Check ventilation controls	Ventilation failures could cause mine explosion and long term health problems			
<ul style="list-style-type: none"> Fix any problems with ventilation controls 	Ventilation failures could cause mine explosions and long term health problems			
Check for accumulation of spillage	Could cause dust explosions and health hazard. "You can't sell it if it is on the bottom". Results in citations and			

Job Steps	Importance Narrative (Consider Safety, Production, Maintenance)	Importance Ranking	Satisfactory or Needs Work	Procedures/Risk Resolution/Notes/Comments
		1=Important 2=Very Important 3=Critical		
	closures.			
Check for advancement slack in cable	Take a chance of pulling it out of the junction box. You don't want to have to go back and get additional cable (efficiency issue)			
Check for other cables in the general area	Your machine could damage other cables, create shock hazards and an efficiency issue			Bolter cables Shuttle car cables
Check for water supply leaks				
Check restraining clamp at the miner	Create shock hazard, create permissibility issue, explosion hazard, and loss of production			
<ul style="list-style-type: none"> Check the conduit is in restraining clamp around the cable 	Permissibility issue, provides added protection to cable and operator against electrical shock			
Check slate bar on miner				Proper use of slate bar
Check sledge hammer				
Check cleanliness of miner	Ensure access to fire suppression and prevents fire hazards. Reduces maintenance repair time.			
Check for methane probe or magnet in holder				
<ul style="list-style-type: none"> Check for damage to probe cradle 				

Duty 3: Conduct dust parameter exam

Learner will demonstrate how to conduct a thorough dust parameter examination. Learner will also explain the job duties, why they are conducted, any associated risk, and how to implement appropriate controls. A thorough dust parameter examination includes the following job steps:

NOTE: Some dust parameter exams may be completed in conjunction with the continuous miner pre-op.

Job Steps	Importance Narrative (Consider Safety, Production, Maintenance)	Importance Ranking	Satisfactory or Needs Work	Procedures/Risk Resolution/Notes/Comments
		1=Important 2=Very Important 3=Critical		
Energize machine				
Knock tram breaker	Prevent accidental start ups, prevent personal injury			
Knock cutter breaker	Prevent accidental start ups, prevent personal injury			
Check water pressure on the gauges for sprays				Review methane, ventilation and dust control plan
<ul style="list-style-type: none"> Turn scrubber on 				
<ul style="list-style-type: none"> Check flow with pitot tube 				Take three readings to get an average reading
<ul style="list-style-type: none"> Turn sprays on 				
<ul style="list-style-type: none"> Turn sprays off 				Must maintain at least 50 psi in order to meet regulations (Refer to plan)
<ul style="list-style-type: none"> Observe spray discharge 				
Check for excessive leaks on miner and water hose				
Check cut ventilation				
Report completion of exam to foreman				Foreman is required to record

Duty 4: Conduct walk around (power off)

Learner will demonstrate how to conduct a safe and thorough walk around the continuous miner with the power off. Learner will also explain the job duties, why they are conducted, any associated risk, and how to implement appropriate controls. A thorough walk around inspection includes the following job steps:

Job Steps	Importance Narrative (Consider Safety, Production, Maintenance)	Importance Ranking	Satisfactory or Needs Work	Procedures/Risk Resolution/ Notes/Comments
		1=Important 2=Very Important 3=Critical		
Place miner at intersection	Allows escape way, gives you room to work and examine, easier access, no ribs to fall on you			Complete the mining cycle cut, then move miner to intersection for pre-op checks
<ul style="list-style-type: none"> Conduct workplace safety exam 	Workplace examinations are necessary to identify possible hazards.			
<ul style="list-style-type: none"> De-energize the miner at the machine 				
Check for leaks (oil or water)				
Check cutter drums for foreign objects (line curtain, cable bolts and electrical cable fragments)	Major downtime and possibility of cutter head throwing material at the operator.			
Check the cat seals on cutter head	Major downtime			Observe openings in drum area for oil leaks. Refer to the manual
Check all lights				
<ul style="list-style-type: none"> Check light covers 	Affects permissibility and explosion source			
<ul style="list-style-type: none"> Check lens 	Affects permissibility and explosion source			
<ul style="list-style-type: none"> Check packing glands 				
<ul style="list-style-type: none"> Check conduit 				
<ul style="list-style-type: none"> Check for loose or missing bolts 	Create explosion potential source			
Check that methane monitor is securely				

Job Steps	Importance Narrative (Consider Safety, Production, Maintenance)	Importance Ranking	Satisfactory or Needs Work	Procedures/Risk Resolution/Notes/Comments
		1=Important 2=Very Important 3=Critical		
mounted and cap is clean				
Check for all guards, rub rail, and panel covers in place	Prevent damage to the internal components and major down time			
<ul style="list-style-type: none"> Ensure all pins and rub rails are in place 	Prevent damage to the internal components and major down time			Reference to the diagram provided by manufacturer
Visually check water pressure gage				Minimum 50 psi head spray
Check and set bits	Affects production, provides better penetration, no damage to the bit lugs, reduces maintenance cost			Cat head has to be locked and tagged out before bits can be set
Check conveyor chain	Wears foot shaft, chain can become a missile, creates flying debris, cutter head can pick up conveyor chain.			Damage, slack, missing flights, flex board bolts, loose or missing shims and broken take up springs

Duty 5: Conduct walk around power on

Learner will demonstrate how to conduct a safe and thorough walk around of the continuous miner with the power on. Learner will also explain the job duties, why they are conducted, any associated risk, and how to implement appropriate controls. A thorough walk around inspection includes the following job steps:

Job Steps	Importance Narrative (Consider Safety, Production, Maintenance)	Importance Ranking	Satisfactory or Needs Work	Procedures/Risk Resolution/Notes/Comments
		1=Important 2=Very Important 3=Critical		
Check methane monitor	Liberates over a million cubic feet of methane in a day. Failure to check methane monitor could be an explosion source			Ensure correct calibration to handheld detector
<ul style="list-style-type: none"> Depress self-test button 	Ensures that the equipment is operating properly			Observe for flash at 1% and shutdown at 1.5%
Check function of on-board E-stops	Ensures the safe shutdown of the machine in an emergency			
Check remote circuit breaker reset	Keeps people out of unsafe conditions			Check each shift
<ul style="list-style-type: none"> Check emergency stop function on remote box 	Ensures the safety shutdown of the machine in an emergency			Must kick breaker on power center

Job Steps	Importance Narrative (Consider Safety, Production, Maintenance)	Importance Ranking	Satisfactory or Needs Work	Procedures/Risk Resolution/Notes/Comments
		1=Important 2=Very Important 3=Critical		
Check cats for slack and spray operation	Controls heat and reduces component wear			Also look at pins and cracked pads
Visually check head sprays	Malfunctioning of sprays affects the ventilation/dust control plan; also controls the heat on the motors.			Check for pressure, function and for missing sprays Minimum working sprays, refer to approved ventilation plan

Check operation of scrubber system	Protects the miner's health and if not functioning properly there could be dust accumulation. Production issue and improves visibility			
• Check filter cleanliness				
• Ensure ductwork is clean				
• Ensure sump is clean				Clean by back flush
• Check plug in sump bottom and in good condition				
• Ensure demister is clean				Clean by back flush
• Check scrubber system sprays				
• Check scrubber door seal				
• Ensure minimum quantity of air in system				Refer to approved ventilation plan
Try all remote box functions for proper operation	Essential for this box to operate the way it is designed. Erratic movement of machine could kill			Be sure all personnel are clear of the RED ZONE
• Operate Tram enable	Essential for this box to operate the way it is designed. Erratic movement of machine could kill			Give LOUD verbal warning before starting pump motor.
• Operate Panic switch	Essential for this box to operate the way it is designed. Erratic movement of machine could kill			
• Activate Fire suppression	Essential for this box to operate the way it is designed.			
• Operate all other control functions	Essential for this box to operate the way it is designed. Erratic movement of machine could kill			

Duty 6: Machine Startup

Learner will demonstrate how to perform machine startup procedures in a safe manner. Learner will also explain the job duties, why they are conducted, any associated risk, and how to implement appropriate controls. A safe and thorough machine start up sequence includes the following steps:

Job Steps	Importance Narrative (Consider Safety, Production, Maintenance)	Importance Ranking	Satisfactory or Needs Work	Procedures/Risk Resolution/Notes/Comments
		1=Important 2=Very Important 3=Critical		
Make methane test	Methane will accumulate unexpectedly			Review the properties of methane
Check ventilation	Affects the control of methane and dust if not kept up.			
Conduct workplace exam	Workplace examinations are necessary to identify possible hazards.			At each cut
Attach slack ropes	Prevents damage to the cable, saves down time			Depends on mining cycle
Start the machine	Can not mine coal if machine is not running			
<ul style="list-style-type: none"> Clear RED ZONE 	Continuous miner could malfunction, prevents crushing injuries.			
<ul style="list-style-type: none"> Signal start 	Continuous miner could malfunction, prevents crushing injuries.			
<ul style="list-style-type: none"> Start pump motor 	Continuous miner could malfunction, prevents crushing injuries.			Hold shift button and hold pump start button simultaneously Forced potato start functions may vary, refer to remote type
Tram inby				
<ul style="list-style-type: none"> Activate tram enable 	Enables tram operation			Twice for high tram speed If cats are split, tram speed is automatically reduced to low speed
<ul style="list-style-type: none"> Position yourself clear of RED ZONE 	Prevents crushing injuries			Refer to RED ZONE diagram
<ul style="list-style-type: none"> Activate forward tram switch 	Engages forward motion of the machine			CAUTION: When moving from the rear of the machine to the front of the machine to tram, operator may become disorientated with control functions.

Duty 7: Cutting Coal

Learner will demonstrate how to safely operate the continuous miner in coal cutting operations. Learner will also explain the job duties, why they are conducted, any associated risk, and how to implement appropriate controls. Proper coal cutting operations include the following job steps:

Job Steps	Importance Narrative (Consider Safety, Production, Maintenance)	Importance Ranking	Satisfactory or Needs Work	Procedures/Risk Resolution/ Notes/Comments
		1=Important 2=Very Important 3=Critical		
Do not cut any face until				
<ul style="list-style-type: none"> Bolted, cleaned up and rock dusted 	Crushing blow from fallen rock could be fatal. Going in by roof support could cause serious injury or death. Cleaning and rock dusting prevents explosion potentials			Within 4 feet of the face. Warning device installed second to last row of bolts
Setup on curtain side	Must comply with the approved ventilation and dust control plan.			Curtain side with the blowing ventilation on the right side and exhausting is on the left side.
Check center lines	Essential for maintaining block size which affects the roof control. Straight entries make it better for the shuttle car haulage and cleanup.			Explain reference points on machine
Check air at the start and periodically through the cut	Ventilation, keeps methane and dust controlled.			Use velometer to measure the air movement.
Start the ripper head	Essential to start mining process			CAUTION: Cutter head starting in a LOUD voice. Make sure cutter heads are off the bottom, slightly away from face and below the roof.
<ul style="list-style-type: none"> Hold shift and pull cutter toggle down 				
<ul style="list-style-type: none"> <ul style="list-style-type: none"> Release toggle after start 				Water turns on automatically, if motor cooling and head sprays do not turn on, shut miner down.
Engage tram enable switch				
Tram forward				
<ul style="list-style-type: none"> Both cats 				Both cats will remain in low speed forward as long as you are cutting. Refer to manufacturer's specifications for additional information on shearing speed control

Job Steps	Importance Narrative (Consider Safety, Production, Maintenance)	Importance Ranking	Satisfactory or Needs Work	Procedures/Risk Resolution/Notes/Comments
		1=Important 2=Very Important 3=Critical		
Sump into coal				
<ul style="list-style-type: none"> Bottom first, then cut up 				
<ul style="list-style-type: none"> Back the miner up one drum width 				This also dresses the bottom
<ul style="list-style-type: none"> Raise the head, cut into the top 				
<ul style="list-style-type: none"> Sump down 				
<ul style="list-style-type: none"> Repeat cycle until number 1 lift is complete 				
Advance the line curtain	Maintaining the ventilation for dust and methane control			Explain how to roll up curtain According to plan
<ul style="list-style-type: none"> Do workplace exam 	Ensure a healthy and safe work environment. Conditions may change very quickly.			
<ul style="list-style-type: none"> Check air <ul style="list-style-type: none"> Examine for methane 				Every 20 minute maximum
Reposition the miner				If curtain side is cut first while staying out of the RED ZONE , reposition the miner on the opposite side paying attention to your cut width. Refer to roof control plan.
<ul style="list-style-type: none"> Remove number 2 lift 				
<ul style="list-style-type: none"> Repeat the cut cycle for lifts 3 and 4 				
Cleanup				
<ul style="list-style-type: none"> Clean right side 				
<ul style="list-style-type: none"> Clean left side 				
Back miner at least 4 bolt rows	Eliminates exposure to unsupported roof.			After cleanup is completed
<ul style="list-style-type: none"> Shut miner down 				
<ul style="list-style-type: none"> Adjust line curtain 	Approved ventilation methane dust control plan			
<ul style="list-style-type: none"> Hang warning device 	Warns others of unsupported top			Reflectors, ribbons, and/or signs
Make final gas examination	Allows bolter to come in without having to make special trip for gas examination and eliminates the need to probe that face by the bolter.			

Duty 8: Loading Shuttle Cars

Learner will demonstrate how to safely load the shuttle cars. Learner will also explain the job duties, why they are conducted, any associated risk, and how to implement appropriate controls. The shuttle car loading procedures include the following job steps:

Job Steps	Importance Narrative (Consider Safety, Production, Maintenance)	Importance Ranking	Satisfactory or Needs Work	Procedures/Risk Resolution/ Notes/Comments
		1=Important 2=Very Important 3=Critical		
Precut coal	Speeds up production			
Place miner boom in center of shuttle car	Prevents spillage, saves clean up time, increases production, keeps you from getting citations			Not against the top, not laying in bed of shuttle car Transmitter hydraulic functions do not require shifting
Start conveyor				
<ul style="list-style-type: none"> Hold shift toggle up 				
<ul style="list-style-type: none"> Hold up on conveyor on toggle 				Release after conveyor starts
Load shuttle car	Have to transport coal to feeder			
<ul style="list-style-type: none"> Communicate with shuttle car operator 	Prevents spillage, helps maintenance on the shuttle car			
<ul style="list-style-type: none"> Do not overload the back of the car 	Prevents spillage, helps maintenance			
Position yourself out of the miner RED ZONE	Prevents crushing injuries			
Be visible	Keeps you from getting run over			Clothing, cap light towards car man
Position yourself away from shuttle car	Keeps you from getting run over			Think about you body position

Duty 9: Place Change

Learner will demonstrate how to conduct a safe and thorough place change during mining operations. Learner will also explain the job duties, why they are conducted, any associated risk, and how to implement appropriate controls. A proper place change procedure will include the following job steps:

Job Steps	Importance Narrative (Consider Safety, Production, Maintenance)	Importance Ranking	Satisfactory or Needs Work	Procedures/Risk Resolution/Notes/Comments
		1=Important 2=Very Important 3=Critical		
Attach slack rope to the miner	Prevents damage to cable, prevents production downtime, saves you a lot of work			Any time you attach additional slack ropes, follow this procedure
<ul style="list-style-type: none"> Shut miner down 	Prevents crushing injuries Zero potential for unexpected movement			Shift key down Push up on pump toggle
Restart miner out of the RED ZONE	Prevents crushing injuries			Yell LOUDLY "starting the miner"
Tram to next cut	Efficient moves will increase productivity			Tram enable has to be re-energized if not used within 3 seconds from time it is released
Ensure that all personnel are out of RED ZONE	Prevents crushing injuries			

Duty 10: Cable Handling and Slack Ropes

Learner will demonstrate how to safely handle cables and slack ropes during the mining cycle. Learner will also explain the job duties, why they are conducted, any associated risk, and how to implement appropriate controls. Proper procedures include the following job steps:

Job Steps	Importance Narrative (Consider Safety, Production, Maintenance)	Importance Ranking	Satisfactory or Needs Work	Procedures/Risk Resolution/Notes/Comments
		1=Important 2=Very Important 3=Critical		
Back miner until you can attach the pull rope to the miner				Usually one length of the miner
Shut off miner	Zero potential for unexpected movement			Be aware of RED ZONE
Wear rubber gloves	Prevent shock hazard			
Attach pull rope to pan hooks on the miner				
Position yourself outside of the RED ZONE	Prevents crushing injuries			
Restart the miner				
Repeat the cycle until desired location is reached				
Pulling forward, ropes attached	Prevents damage to cable			Be sure to drop proper ropes off to prevents knots
Shut off miner	Zero potential for unexpected movement			
Drop one loop of cable at a time	Prevents tangled cable Increase production time			Be sure to drop proper ropes off to prevents knots
Position yourself outside of RED ZONE	Prevents crushing injuries			
Restart miner				
Tram forward				
Repeat cycle until you are at the next place				Remember, must have enough slack to take next cut
Get help to hang cable at necessary locations	Prevents back strains, other handling materials injuries			

Duty 11: Turn Crosscut to the Right

Learner will demonstrate how to safely turn crosscut to the right. Learner will also explain the job duties, why they are conducted, any associated risk, and how to implement appropriate controls. A thorough pre-operational inspection includes the following job steps:

Job Steps	Importance Narrative (Consider Safety, Production, Maintenance)	Importance Ranking	Satisfactory or Needs Work	Procedures/Risk Resolution/ Notes/Comments
		1=Important 2=Very Important 3=Critical		
Conduct workplace exam	Workplace examinations are necessary to identify possible hazards			
Ensure crosscut is marked off	Can't turn crosscut if it is not marked off			Mark off the outby rib line
Install warning devices 2 full rows back from outby rib line	Warns people about unsupported roof			
Position yourself out of the RED ZONE	Prevents crushing injuries or fatality			
Turn miner on				Yell LOUDLY "starting the miner"
Position right hand side of cutter head at the mark on the outby rib line	Keeps breaks on centers Makes it easier for haulage equipment Section looks better Maintains pillar size for roof support			
Start the cutter head				Yell LOUDLY "starting the cutter head"
Keep repeating short angle cuts until the miner is turned 90 degrees	Helps in turning break (Keeping it on centers)			If permanent roof support has been damaged in any way move back 2 rows
Advance line curtain	Prevents methane accumulations, Controls dust			
Cleanup	Essential for pinners to do their jobs, helps efficiency			
Make methane check	Methane will accumulate unexpectedly			Checks not to exceed 20 minutes
Remove miner to next cut				
Repeat process of place change				

Duty 12: Job Duties between Cuts

Learner will demonstrate how to conduct job duties that are needed between cuts. Learner will also explain the job duties, why they are conducted, any associated risk, and how to implement appropriate controls. The duties required between cuts are as follows:

Job Steps	Importance Narrative (Consider Safety, Production, Maintenance)	Importance Ranking	Satisfactory or Needs Work	Procedures/Risk Resolution/Notes/Comments
		1=Important 2=Very Important 3=Critical		
Position the miner in the crosscut	Allows escape way, gives you room to work and examine, easier access, no ribs to fall on you			
Leave cutter head off the bottom at least 2 inches				
Shut down miner	Prevents unexpected movement			
Lockout and tag out at cat head power center	Prevents unexpected movement/startup of ripper head or cutter			
Perform scrubber maintenance	Complying with dust control plan. Makes scrubber works more efficiently, creates a more healthy atmosphere, better visibility when cutting			
<ul style="list-style-type: none"> Clean duct work 	Complying with dust control plan. Makes scrubber works more efficiently, creates a more healthy atmosphere, better visibility when cutting			
<ul style="list-style-type: none"> Pull screen out, tap it, and spray it 	Complying with dust control plan. Makes scrubber works more efficiently, creates a more healthy atmosphere, better visibility when cutting			
<ul style="list-style-type: none"> Spray the demister 	Complying with dust control plan. Makes scrubber works more efficiently, creates a more healthy atmosphere, better visibility when cutting			
<ul style="list-style-type: none"> Spray out the sump 	Complying with dust control plan. Makes scrubber works more efficiently, creates a more healthy atmosphere, better visibility when cutting			

Change bits	Can't cut without bits			
• Wear safety glass	Prevent eye injuries			
• Rotate head manually				
o Use tools				
o Use rock bar or pipe	This head is hard to turn, prevents injury from over-straining			
o Ask for help to turn head	This head is hard to turn, prevents injury from over-straining			
• Remove old bits	Old bits could foul up the other equipment (conveyor chains, etc.) Could cause downtime			Place in bucket, give to scoop man for disposal Try to get a car man to change bits
• Remove personnel from RED ZONE	Prevents crushing injuries or fatalities			
• Re-energize miner				
Clean miner	Major downtime and possibility of cutter head throwing material at the operator			
• Wear gloves				
• Break pieces with sledge if possible				
• Remove large pieces with chain				Do not use existing roof support for an anchor
• Hose coal dust off miner	Explosion/Fire Prevention			
• Hose crossover tubes at conveyor	Prevents equipment damage due to buildup of compacted material – under conveyor side			At front of conveyor Use high pressure water Be careful not to get under boom Also spray out conveyor pivot between conveyor swing jack bracket and flex boards

Duty 13: End of Shift Activities

Learner will demonstrate how to safely conduct end of shift activities. Learner will also explain the job duties, why they are conducted, any associated risk, and how to implement appropriate controls. The required end of shift duties includes the following:

Job Steps	Importance Narrative (Consider Safety, Production, Maintenance)	Importance Ranking	Satisfactory or Needs Work	Procedures/Risk Resolution/Notes/Comments
		1=Important 2=Very Important 3=Critical		
Park machine between blocks outby last open crosscut last shift of the week	Due to adverse roof conditions Good practice			Company Policy
Conduct final ventilation check on last shift before weekends	Ensure against accumulations in places that might not be ventilated			Company Policy
Conduct a red button transmitter check on the remote box at the end of every second shift	To ensure proper functions of transmitter button			Company Policy
Check radio control battery backup on the fire suppression system every Tuesday at the end of second shift	Only way to activate fire suppression when power is off the miner (ensures battery is working)			Company Policy
Communicate with oncoming shift	Affects safety, production and maintenance			
Get on slope car/elevator				
<ul style="list-style-type: none"> Wear safety glasses 				
<ul style="list-style-type: none"> Get on man trip when arriving at bottom 				
Turn in equipment	Must be recharged for each shift			
<ul style="list-style-type: none"> Including light 	Must be recharged for each shift			
Tag out				
Turn in methane spotter	Must be recharged for each shift, to ensure proper calibration			
Turn in radio				