

MDG 17 – Continuous Miner Incidents

Incident Information	Agent of fatality	Events	Recommendations
OPEN CUT MINES			
1988 Australia Tasmania Non-Coal Open-Cut	Contact with Moving or Rotating Plant (Guarding/Access to Danger Zone)	Crushed by Automatic Machinery	
UNDERGROUND MINES			
1/02/2004 United States Coal Underground	Contact with Moving or Rotating Plant (Guarding/Access to Danger Zone)	A roof bolter was fatally injured when he left roof bolting station of a miner. Miner operator, standing on other side of miner, backed it from face to clean up spillage. Victim was pinned against rib when miner was moved.	Establish procedures and follow them, especially when employees tram equipment. Position employees outside of continuous miner's turning radius and in a safe location before moving the machine. Avoid pinch points between rib and machinery.
22/03/2002 United States Coal Underground	Contact with Moving or Rotating Plant (Guarding/Access to Danger Zone)	A section foreman was fatally injured when he was caught between the conveyor boom of a continuous mining machine and rib. The victim was using a remote control unit to tram the machine when he was struck by the end of the conveyor boom.	Continuous miner operators should never be located between machine and rib when tramping. Low tram speeds to be used when tramping around corners. Pump motor and machine be stopped and de-energized when trailing cable or water line is to be moved.
21/11/2001 United States Coal Underground	Contact with Moving or Rotating Plant (Guarding/Access to Danger Zone)	A continuous miner operator was fatally injured tramping a miner in preparation for roof bolting machine to begin roof bolting. Operator after finishing mining operations, reversed miner into crosscut. Victim was found pinned between cutting head and rib.	Always be sure that everyone is in a safe location when moving equipment. Equipment to be de-energized prior to work commencing. Don't position yourself beside continuous miner when tramping. Ensure persons are beyond miner's turning radius when tramping.
12/04/2001 United States Coal Underground	Contact with Moving or Rotating Plant (Guarding/Access to Danger Zone)	A continuous miner operator was crushed between tail boom of miner and rib. Victim had trammed machine to intersection to pull up slack cable. Another miner being trammed into intersection hit ripper head of other miner. Boom swung crushing operator.	Personnel to remain a safe distance from any pinch point areas of continuous miners. Personnel should verify their proposed route of travel is clear when tramping continuous miners. Adequate task training be performed to assure safe operation of equipment
15/08/2000 United States Coal Underground	Contact with Moving or Rotating Plant (Guarding/Access to Danger Zone)	A 40 year old continuous mining machine operator with 22 years experience received fatal crushing injuries while tramping a radio remote control mining machine. The victim was caught between the rear of the continuous mining machine and the coal rib.	When a continuous miner is being trammed all employees in vicinity must be positioned safely. All persons helping operators move mobile equipment to be positioned a safe distance from equipment while it is moving. Be alert when equipment is in motion.

12/05/2000 United States Coal Underground	Contact with Moving or Rotating Plant (Guarding/Access to Danger Zone)	A continuous miner operator, using a radio remote control, positioned himself between miner and rib as he trammed from face. Fatal crush injuries resulted when victim was caught by trailing cable support bracket, which protruded from machine.	Miners must be positioned safely when tramming equipment. Adequate task training to assure safe operation of equipment requires training and observation of all tasks required to be performed by the equipment operator.
21/01/2000 United States Coal Underground	Contact with Moving or Rotating Plant (Guarding/Access to Danger Zone)	A continuous miner operator was fatally injured when he came in contact with the ripper head of machine. Victim had apparently positioned himself in front of miner to conduct maintenance. The remote control was in operators' possession.	All power circuits and electrical equipment be de-energized before any work is done on equipment. All areas where persons are required to work or travel to be eliminated of hazards. Employees to be positioned safely before energizing equipment.
18/04/1995 United States Coal Underground	Contact with Moving or Rotating Plant (Guarding/Access to Danger Zone)	The deceased was crushed between the roof and conveyor boom of a continuous mine while maintenance was being done. While a maintenance foreman was operating the remote control, an electric short circuit caused the boom to move unexpectedly.	All machinery should be isolated from energy sources before testing or maintenance is carried out. Regular maintenance of remote controls should be carried out.
19/03/1992 Australia Queensland Coal Underground	Contact with Moving or Rotating Plant (Guarding/Access to Danger Zone)	Fatally injured whilst training on miner remote control when a nearby rib fell into the mesh. Took fright and ran across the cutter drums. Caught and dragged into the cutter drums.	
3/12/1986 Australia New South Wales Coal Underground	Contact with Moving or Rotating Plant (Guarding/Access to Danger Zone)	Miner was crushed between a continuous miner and a shuttle car.	
23/01/1975 Australia Queensland Coal Underground	Contact with Moving or Rotating Plant (Guarding/Access to Danger Zone)	Fatally injured when he was struck by the boom of a continuous miner.	
1971 Australia New South Wales Coal Underground	Contact with Moving or Rotating Plant (Guarding/Access to Danger Zone)	His head was crushed between a bar and the roof. The bar was being raised on one timber jack of a continuous miner and caught the workmen's head when he was leaning towards the bar.	
24/02/1919 Australia Queensland Coal Underground	Contact with Moving or Rotating Plant (Guarding/Access to Danger Zone)	Fatally injured when he accidentally slipped into the rotating picks of a coal cutter.	
3/09/2007 United States Coal Underground	Fall of Roof/Sides/Highwall	A roof fall which originated in an unbolted section of roof continued to a section with bolts and onto the operator.	Follow the roof control plan, make visual inspections of the roof and Look and analyse.
20/10/2006 United States Coal Underground	Fall of Roof/Sides/Highwall	Operator was struck by a rib roll and pinned against a shuttle car. He was using a remotely controlled miner to clean up a cut.	Hazard recognition training conducted however this was an isolated incident where slicksided planes could not be identified.

12/12/2005 United States Coal Underground	Fall of Roof/Sides/Highwall	While operating the continuous mining machine there was a roof fall from above a supported area.	Update and clarify the roof control plan and additional training to all staff regarding that plan.
10/08/2005 United States Coal Underground	Fall of Roof/Sides/Highwall	Was operating continuous miner when rock fell between rib and roof bolts.	Installation of additional support to the area and training in the area of hazard recognition.
31/03/2005 United States Coal Underground	Fall of Roof/Sides/Highwall	Victim completed cut of deeper than was limited and was standing under unsupported roof when it gave way and crushed him.	Extensive roof control re-training given limiting cuts to 20ft.
17/08/2004 United States Coal Underground	Fall of Roof/Sides/Highwall	A rib roll caused bolter to be pinned onto the continuous mining machine.	Revision of the roof control plan, rib drill fitted to miner to install rib bolts along with roof bolts.
10/04/2002 United States Coal Underground	Fall of Roof/Sides/Highwall	A continuous miner operator was fatally injured in a roof fall accident. A rock fell from roof pinning operator against shuttle car tire. Rock fell at mouth of crosscut, from an area inby last row of bolts and cantilevered into the bolted area.	Miners must know and follow the approved roof control plan. Reflectors should be used to warn persons of hazardous areas. All miners should receive hazard recognition and safe work practice training.
20/02/2002 United States Coal Underground	Fall of Roof/Sides/Highwall	A roof bolting machine operator was fatally injured as he was struck by rock. Victim was assisting a continuous miner operator tram miner into an intersection when an unexpected fall occurred. Fall of roof covered miner and hit both operators.	Follow provisions of approved Roof Control Plan. Take measures to protect persons if unusual hazards, conditions are encountered. Always examine mine roof in work area. Conduct shift examinations in areas prior to mining. Never work under unsupported roof.
2/01/2002 United States Coal Underground	Fall of Roof/Sides/Highwall	A continuous miner operator was fatally injured in a roof fall. Victim was mining in a crosscut of headgate section when roof rock fell in area where he was standing. The continuous miner had sheared off 7 roof bolts when starting this crosscut.	Never work or travel under unsupported roof. Hang reflectors or other warning devices prior to mining. When operating a continuous miner with remote always maintain a safe distance from machine. Know and follow provisions of approved roof control plan.
5/11/2001 United States Coal Underground	Fall of Roof/Sides/Highwall	A utility man working as a continuous miner helper was fatally injured in a roof fall. Continuous miner had just completed mining a crosscut when a fall of roof occurred. The fall of roof sheared roof bolts where victim was positioned.	Always know and follow all provisions of your approval roof control plan. Be alert to changing roof and rib conditions. All miners should make good examinations and alert the supervisor of hazards.
31/08/2001 United States Coal Underground	Fall of Roof/Sides/Highwall	A miner helper was killed by a roof fall when he was positioned inby roof supports performing clean up passes with a continuous miner. The miner had become stuck several times during mining operations and once freed it was decided to clean up area.	Roof to be thoroughly examined to determine loose and unsafe areas of roof rock. Miners should never stand or work under unsupported roof. Openings that create an intersection should be permanently supported.

27/08/2001 United States Coal Underground	Fall of Roof/Sides/Highwall	A continuous miner operator was fatally injured when a rock brow fell from rib. Victim was operating a continuous miner via a remote control. When a shuttle car returned from dump point to face operator noticed victim under fallen rock.	Persons conducting shift examinations report and or correct all observed hazards. No person should travel or work under unsupported brows. Adequate warning devices to be positioned to alert persons of unsupported roof.
23/07/2001 United States Coal Underground	Fall of Roof/Sides/Highwall	A continuous miner operator helper was fatally injured in a roof fall when he and operator attempted to run from mining area when it was determined a fall was imminent. Miner operator noticed small rocks falling as machine were moved in for final cut.	Always examine roof in your work area prior to doing any work. Always be alert to changing roof conditions and ensure roof support is still adequate in areas that have been developed for long periods. Always follow the approved roof control plan.
27/06/2001 United States Coal Underground	Fall of Roof/Sides/Highwall	A continuous miner operator was fatally injured in a fall of roof. A piece of rock fell from mine roof and pinned miner operator to floor. Roof fall occurred while mining an extended. Victim was positioned inby the last row of permanent roof supports.	Miners to be instructed to never work or travel inby permanent roof support. Miners be trained in requirements of approved roof control plan, and be instructed to follow plan. Miners be properly trained in hazard recognition and safe work practices.
22/05/2001 United States Coal Underground	Fall of Roof/Sides/Highwall	A repairman was fatally injured in a roof fall. Victim was in process of servicing a continuous miner which was just outby last open crosscut. Victim positioned in front of and over head of miner was struck by the fall of roof.	Always examine the roof in your work area prior to doing any work. Always be alert of changing roof conditions. Always follow the approved roof control plan.
6/03/2001 Australia New South Wales Coal Underground	Fall of Roof/Sides/Highwall	Whilst standing on the platform at the side of a continuous miner a rib collapse crushed a mine worker - he received fatal injuries	Systematic system to bolt rib. Hazard management systems and risk assessments should be carried out on ribs.
20/12/2000 Australia New South Wales Coal Underground	Fall of Roof/Sides/Highwall	A fall of roof occurred when a crew was attempting to timber and recover a miner in a pillar lift	
6/09/2000 United States Coal Underground	Fall of Roof/Sides/Highwall	An electrician received fatal injuries when a piece of rock fell from roof. Victim was in process of installing a wooden crib inby permanent roof supports to access a continuous miner. Continuous miner lost power while positioned inby roof supports.	Roof examinations to be made prior to the installation of roof supports. Supplementary roof support materials and tools to be readily available. Temporary roof supports be used when accessing equipment inby roof supports. Training be provided for TRS installers.
30/08/2000 Australia Queensland Coal Underground	Fall of Roof/Sides/Highwall	Whilst standing on the platform at the side of a continuous miner a rib collapse crushed a mine worker - he received fatal injuries.	

21/06/2000 United States Coal Underground	Fall of Roof/Sides/Highwall	A continuous miner operator was fatally injured in a roof-fall accident. Continuous miner was mining the first side lift when a horseback in roof fell with little warning. An eyewitness stated that roof fell seconds after they heard roof begin to crack.	Mining projections be followed. Provide sight lines in entries, rooms, crosscuts, and pillar splits. Maintain uniform pillars to eliminate pillar points. Make daily notes of mining progress on mine map. Provide reports of preshift and onshift examinations
22/12/1999 United States Coal Underground	Fall of Roof/Sides/Highwall	A continuous miner operator was fatally injured when a piece of rock fell from roof and pinned operator to floor. Roof fall occurred while mining an extended cut with a remote controlled continuous miner. Victim was positioned inby last row of roof bolts.	Roof control plans should be followed at all time. Never travel inby permanent roof support. Miners assigned to perform work at face areas must be properly trained in hazard recognition and safe working practices.
15/07/1999 United States Coal Underground	Fall of Roof/Sides/Highwall	A continuous miner operator was fatally injured in a rib fall accident. Victim had just completed mining an extended cut and was preparing to clean up ready for bolting machine when a piece of rib fell and crushed him.	A thorough examination, of mine roof and ribs, to be conducted in all active workings prior to any work being done. All miners, especially foremen, preshift, and onshift examiners, to be trained to visually recognize roof and rib hazards.
1/06/1999 Australia South Australia Coal Underground	Fall of Roof/Sides/Highwall	Tunnelling machine undercut a fault and miner crushed by fall of ground.	
13/04/1999 United States Coal Underground	Fall of Roof/Sides/Highwall	A continuous miner operator was fatally injured when he was struck by a roof fall. Victim was cleaning bottom of a recently completed cut when the fall occurred. Roof fall covered continuous miner and partially covered a shuttle car located behind machine.	When mining in an area of transitional roof conditions, minimize development of multiple places from the same intersection. Always examine the roof properly in your work area. Always Be alert to changing roof conditions.
29/01/1999 United States Coal Underground	Fall of Roof/Sides/Highwall	A mining machine helper was fatally injured when he was struck by a portion of a coal rib. Victim was located inby operator's cabin between machine and rib, hanging the trailing cable onto the machine when the accident occurred.	A visual examination of mining area to be made prior to commencing work. Loose ribs be taken down or supported. Utilize mining methods to eliminate overhanging brows. Personnel to be positioned safely at all times during mining operations.
14/12/1998 United States Coal Underground	Fall of Roof/Sides/Highwall	A continuous miner operator and his helper were fatally injured when they were struck by a roof fall while extracting a pillar. Accident occurred while victims were operating the miner by remote control.	Miners be alert to mine conditions in adverse whether conditions. All persons must position themselves as far outby as possible during final lift extraction and while retreat mining is in progress.

10/10/1998 United States Coal Underground	Fall of Roof/Sides/Highwall	A continuous miner operator was fatally injured when he was struck by falling roof when he was standing outby the machine while mining second cut in pillar. He was operating continuous miner by remote. Accident area had been supported with roof bolts.	Be alert to changing roof conditions, especially when conducting retreat mining. Always examine the roof properly in your work area.
26/02/1998 United States Coal Underground	Fall of Roof/Sides/Highwall	A maintenance electrician was servicing a continuous mining machine located in crosscut of a development section. Electrician was between continuous miner and inby rib of crosscut. A fall of rib occurred pushing victim into miner.	The roof and ribs of all work areas must be thoroughly examined prior to the work starting. All miners should be trained to recognize hazardous rib conditions.
20/01/1998 United States Coal Underground	Fall of Roof/Sides/Highwall	A mobile roof support operator was killed by a roof fall while conducting retreat mining with a continuous miner. Four Mobile Roof Support Units were used. The mining crew were positioned just inby the rear of miner when fall occurred.	Personnel are required to conduct the operation of the continuous mining machine and mobile roof support should be located as far back from the pillar lift as practical.
26/12/1997 United States Coal Underground	Fall of Roof/Sides/Highwall	A continuous miner operator was tramping a continuous miner in the over ten-foot high No. 3 entry toward the face. A twenty-three foot length of the right side rib fell suddenly onto the continuous mining machine operator inflicting fatal injuries.	
15/05/1997 United States Coal Underground	Fall of Roof/Sides/Highwall	A continuous miner operator was fatally injured when a fall of roof occurred during mining. A foreman was standing in an intersection when fall occurred. During rescue attempts a second fall occurred. Rescuers retrieved foreman but operator was found dead.	
25/03/1997 Australia Queensland Coal Underground	Fall of Roof/Sides/Highwall	Fatally injured after receiving crush injuries in a rib fall that pinned him against the continuous miner.	
23/12/1996 United States Coal Underground	Fall of Roof/Sides/Highwall	A fall of roof occurred in a development section disabling a continuous miner. A roof bolting machine was used to bolt a section of roof to allow a mechanic to look at miner. As mechanic was looking at miner a portion of rock fell off miner killing him.	
5/11/1996 Australia Queensland Coal Underground	Fall of Roof/Sides/Highwall	Fatally injured whilst operating a continuous miner outside the confines of the machine. Caught between the ribside and the continuous miner.	

26/06/1996 United States Coal Underground	Fall of Roof/Sides/Highwall	A continuous miner operator was fatally injured by a roof fall. Operator and two co-workers were mining a final pushout and were on the fourth shuttle car when the roof started to fall. The two co-workers escaped but the miner operator was struck by rock.	
7/12/1995 United States Coal Underground	Fall of Roof/Sides/Highwall	A continuous miner was operating the machine with a remote control, advancing an entry. The miner had mined about 27 ft of a 40-ft cut, when a fall of roof occurred. The roof fall struck the operator who was against left rib inby the last roof bolts.	Workers working at coal face should always remain under supported ground at all times. At least three rows of roof bolts should be inby of closest worker.
18/09/1995 United States Coal Underground	Fall of Roof/Sides/Highwall	A continuous miner driver was fatally injured by a roof fall. Miner was operating machine by a remote control and had finished right side of a cross cut, when the he walked about five feet inby the last row of roof bolts where the roof fell on him.	Workers are to remain under supported ground at all time in their workplace. When adverse roof conditions are experienced, depth of cut should be minimised to reduce a fall of rock.
19/11/1990 Australia Queensland Coal Underground	Fall of Roof/Sides/Highwall	Fatally injured in a roof collapse during pillar extraction when several large slabs of sandstone roof pinned him against the continuous miner.	
1989 Australia New South Wales Coal Underground	Fall of Roof/Sides/Highwall	After a continuous miner had cut and then backed out of a panel, a deputy was walking under the unsupported roof.	
20/04/1988 Australia Queensland Coal Underground	Fall of Roof/Sides/Highwall	Fatally injured whilst he was tending to the continuous miner cable at the rear of the machine when a large section of rib coal fell onto him.	
12/01/1988 Australia New South Wales Coal Underground	Fall of Roof/Sides/Highwall	While trying to escape a continuous miner during a roof fall he was hit by falling rock. There were geologic faults in the area already discovered.	
12/01/1988 Australia New South Wales Coal Underground	Fall of Roof/Sides/Highwall	Was killed by a roof fall when operating a continuous miner and doing a pillar extraction.	
24/02/1987 Australia New South Wales Coal Underground	Fall of Roof/Sides/Highwall	Was killed by a roof fall while attending the cable of a continuous miner.	
4/08/1986 Australia New South Wales Coal Underground	Fall of Roof/Sides/Highwall	Was killed by a roof fall while attending the cable of a continuous miner.	

1985 Australia New South Wales Coal Underground	Fall of Roof/Sides/Highwall	Continuous miner operator was killed in a rock fall during a pillar extraction, and may have survived if he had been in correct spot under protection.	
6/04/1984 Australia New South Wales Coal Underground	Fall of Roof/Sides/Highwall	During the extraction of a pillar lift the miner driver was crushed when the roof collapsed on top of him.	
26/08/1983 Australia New South Wales Coal Underground	Fall of Roof/Sides/Highwall	After taking a cut too deep, there was a roof fall in an unsupported area, causing fatality.	
6/10/1982 Australia New South Wales Coal Underground	Fall of Roof/Sides/Highwall	Crushed under a rock fall when an area which had been mined but not bolted fell from the roof.	
12/03/1982 Australia Queensland Coal Underground	Fall of Roof/Sides/Highwall	Three men were fatally injured by a roof fall caused by lateral movement when their continuous miner was engaged in 'lifting off' a fender in an extraction panel.	
22/06/1981 Australia New South Wales Coal Underground	Fall of Roof/Sides/Highwall	While installing brattice extensions on the way out of a cut a roof fall trapped the victim	
3/06/1981 Australia New South Wales Coal Underground	Fall of Roof/Sides/Highwall	During a rescue of a man trapped in the continuous miner, another fall was imminent and all but one of the rescue team reached safety. Man was pulled alive from miner 15 mins later.	
3/04/1981 Australia New South Wales Coal Underground	Fall of Roof/Sides/Highwall	During mining a roof fall buried the continuous miner and 4 men, 2 were killed.	
13/02/1981 Australia New South Wales Coal Underground	Fall of Roof/Sides/Highwall	When a cut went in too deep, the miner was retreating to bolt when there was a roof fall which buried the miner as he tried to run away.	
21/10/1980 Australia New South Wales Coal Underground	Fall of Roof/Sides/Highwall	Victim received fatal injuries while the second man in a pillar extraction, which caused a roof fall around continuous miner.	
1977 Australia New South Wales Coal Underground	Fall of Roof/Sides/Highwall	Struck by a fall of roof in a pillar extraction operation. A canopy would have protected the driver.	

1977 United Kingdom Coal Underground	Fall of Roof/Sides/Highwall	Fall of roof at a junction where a new drivage had connected with an existing length of heading. This breakthrough coincided with an area of unsupported strata where weighting had previously been experienced.	
1976 United Kingdom Coal Underground	Fall of Roof/Sides/Highwall	Deceased was operating a continuous miner during production and had decided to remove the remote control device and operate manually when he was crushed by a fall of roof stone.	
1975 Australia New South Wales Coal Underground	Fall of Roof/Sides/Highwall	Was adjusting wooden bar which was resting on the hydraulic jacks of a continuous miner prior to it being set into the roof when struck by a piece of roof stone. This could have been done under supported roof and then had the machine trammed forward.	
1974 Australia New South Wales Coal Underground	Fall of Roof/Sides/Highwall	Out by of the stook being worked by the continuous miner, roof fell at the cut intersection.	
1974 Australia New South Wales Coal Underground	Fall of Roof/Sides/Highwall	A continuous miner struck an overhead support, which fell along with some roof and crushed the driver.	Installation of protection over continuous miners.
1974 Australia New South Wales Coal Underground	Fall of Roof/Sides/Highwall	Out by a continuous miner exchanging a stock, was being exchanged in contravention to procedure, caused a roof fall.	
1974 Australia New South Wales Coal Underground	Fall of Roof/Sides/Highwall	While attempting to extract the last stook of a pillar split, a continuous miner driver was buried.	
1973 Australia New South Wales Coal Underground	Fall of Roof/Sides/Highwall	A fall of roof occurred while attempting to cut timber supports to promote a fall of goaf.	
1973 Australia New South Wales Coal Underground	Fall of Roof/Sides/Highwall	During withdrawal of a continuous miner, a man tripped while running from the area when it commenced to move.	
1973 Australia New South Wales Coal Underground	Fall of Roof/Sides/Highwall	While retreating from a pillar lift, not enough coal was left to support the tunnel than was supposed.	
15/04/1972 Australia Queensland Coal Underground	Fall of Roof/Sides/Highwall	Fatally injured when a roof fall caused him to be buried on top on the machine.	

1972 Australia New South Wales Coal Underground	Fall of Roof/Sides/Highwall	Machineman was struck by a fall of roof stone following a breakthrough, which was occasioned by the presence of joint facings in the roof.	
1971 Australia New South Wales Coal Underground	Fall of Roof/Sides/Highwall	Falling stone at the edge of a pillar lift at the time of a substantial goaf fall caused them to be recovering a small pillar remnant with a continuous miner when they were buried.	
1971 Australia New South Wales Coal Underground	Fall of Roof/Sides/Highwall	Struck and killed while driving a continuous miner in a pillar lift	
1970 Australia New South Wales Coal Underground	Fall of Roof/Sides/Highwall	Miner buried by a ply of roof coal. An 18in lip had been created by brushing across an intersection with a continuous miner and part of this lip fell.	
1969 Australia New South Wales Coal Underground	Fall of Roof/Sides/Highwall	Trapped by a fall of top coal near the controls of a continuous miner. A well defined place existed six feet from the right hand rib. Bars and props had been set and more were being prepared to be set when the accident occurred.	
1969 Australia New South Wales Coal Underground	Fall of Roof/Sides/Highwall	Pinned against the continuous miner by a large piece of rib coal. He was ahead of the last vertical roof support. He was not in his seat as there was a person sitting in the seat operating the loading boom.	
1969 Australia New South Wales Coal Underground	Fall of Roof/Sides/Highwall	Fall of top coal from an unsupported lip, from an undetected vertical face but breaking off timber would have prevented this incident.	
1967 Australia New South Wales Coal Underground	Fall of Roof/Sides/Highwall	Trapped and held in a bent position by a fall of roof which prevented him from breathing. He was in the area to recover some brattice cloth.	
12/04/1966 Australia New South Wales Coal Underground	Fall of Roof/Sides/Highwall	A fall of conglomerate roof occurred in a pillar lift in a section adjoining a barrier. Fall ranged from edge of goaf to coal rib where continuous miner had been operating minutes earlier.	
1966 Australia New South Wales Coal Underground	Fall of Roof/Sides/Highwall	While operating a continuous miner, a roof fall occurred, spanning 3/4 acre, and extending into open ended split in which victim was working.	
1966 Australia New South Wales Coal Underground	Fall of Roof/Sides/Highwall	Struck by a large piece of falling rib and jammed against the continuous miner operating in the working place. Deceased was erecting supports when the fall occurred.	

1965 Australia New South Wales Coal Underground	Fall of Roof/Sides/Highwall	Fall of top coal and roof stone occurred whilst they were undercutting a pillar split. Occurred between two well defined greasy backs and may have been avoided if timber supports had been put up.	
1964 Australia New South Wales Coal Underground	Fall of Roof/Sides/Highwall	Stationed between the face and a borer type mobile machine to watch for side clearance when he was buried by a fall of top coal when machine dislodged roof supports.	
1964 Australia New South Wales Coal Underground	Fall of Roof/Sides/Highwall	Received fatal injuries when the face he was boring collapsed, pinning him beneath.	
24/04/1963 Australia New South Wales Coal Underground	Fall of Roof/Sides/Highwall	In extraction of a pillar when driving a continuous miner, he was partially buried by a fall of roof coal, which compromised the roof where he was working.	
1962 Australia New South Wales Coal Underground	Fall of Roof/Sides/Highwall	In another pillar split an operator of a continuous miner was killed instantly when struck by a roof fall of coal. It was known roof conditions were not good.	
1962 Australia New South Wales Coal Underground	Fall of Roof/Sides/Highwall	Machineman killed by a fall of coal ply when assisting in the recovery of a continuous miner which had been partly buried by top coal following shot firing.	
4/07/1961 Australia New South Wales Coal Underground	Fall of Roof/Sides/Highwall	The operator of a continuous miner was jammed against the machine when a large rib fall occurred.	
23/08/1999 Australia New South Wales Coal Underground	Unintended operation of Equipment	A mechanical tradesman was fatally injured whilst carrying out maintenance tasks to a roof bolting rig attached to a continuous miner. As a result of accidental operation he suffered crush injuries from being caught between rig and superstructure of miner.	Isolation procedures should be reviewed. Managers should address hazard recognition and control skills training.
2/07/1999 Australia New South Wales Coal Underground	Unintended operation of Equipment	A mechanical fitter was re-installing a conveyor boom assembly. Power was reapplied to assist in installation of the top pin of cylinder. The automatic operation of cylinder caught victim across legs resulting in fatal injuries.	Conduct audits on machinery where it is necessary for power isolation during maintenance. Ensure appropriate procedures and standards are followed.
27/11/1997 Australia New South Wales Coal Underground	Unintended operation of Equipment	The Driver of a continuous miner was fatally injured when the radio remote control was accidentally activated. The driver being dragged into the mining head received fatal injuries to his lower body.	Review radio remote control equipment. Develop more stringent procedures for employees in hazardous areas.

28/03/1997 United States Coal Underground	Unintended operation of Equipment	While troubleshooting a non-functioning remote controlled continuous miner, a mechanic was fatally injured and a foreman injured. During mining operations miner stopped unexpectedly. On inspection of miner it moved suddenly, pinning mechanic against rib.	
21/10/1996 United States Coal Underground	Unintended operation of Equipment	A continuous miner operator using a remote control was fatally injured when he accidentally activated the controls and became crushed against the rib and machine. Operator crawled inby, dragging remote. Trailing cable rolled and activated controls.	
23/12/1995 United States Coal Underground	Unintended operation of Equipment	A continuous miner operator was attempting to tighten a hydraulic fitting on a boom elevator jack. The miner was under the elevated boom when the boom fell, resulting in fatal crushing injuries. The boom had not been blocked against motion.	Before maintenance is carried out on continuous miner be sure to correctly isolate and block machine up to eliminate the possibility of accident. Regular maintenance and inspections should be carried out on equipment prior to and during its working life.
1986 Australia New South Wales Coal Underground	Unintended operation of Equipment	A machine man was killed when jammed between a continuous miner canopy and the coal rib when the machine moved forward rapidly and slewed while cutting coal on a cross grade.	
1971 Australia New South Wales Coal Underground	Unintended operation of Equipment	Struck on the side of the head by a prop whilst driving a continuous miner. The drivers' seat, on a swivel, was extended and caught the prop as the machine slewed.	
1964 Australia New South Wales Coal Underground	Unintended operation of Equipment	Was run over by a trackless coal cutting machine. They had been demonstrating control use when engaging the tramming gear assuming the power had been disconnected.	
5/02/2004 United States Coal Underground	Electrocution	While performing maintenance during a power outage, the electricity was restored and victim was electrocuted.	Management to monitor the condition of trailing cables, retrain foremen about dangers of cable damage, retrain staff about disconnect, tag and lock out power cables when in maintenance.
1957 Australia New South Wales Coal Underground	Electrocution	Coal cutting machine was being flitted back from the face to enable repairs to be carried out when the tracks ran over the electric cable, severing it and electrocuting the operator	
24/07/1979 Australia New South Wales Coal Underground	Gas Ignition Explosion	Mixture of air and methane had built up and was ignited by a flame travelling in by the flame line from auxiliary fan site. Electrician doing maintenance on fan caused the spark.	Change ventilation plan and don't perform maintenance while mine is operational.

28/12/1965 United States Coal Underground	Gas Ignition Explosion	Methane explosion from a continuous miner trailing cable	
18/05/2004 United States Coal Underground	Other	While moving a continuous mining machine alone for maintenance when he was crushed between it and the coal rib.	Training sessions to abide by the roof control plan, give proper task training and keep records of this training.
3/04/2004 United States Coal Underground	Other	Operator was tramping mining machine through a crosscut, when he became pinned against the rib and crushed.	Training provided in regards to moving mining machines through crosscuts and being between the rib, also about using remote controls for movement.
22/10/2003 United States Coal Underground	Other	There was a build-up of material on the left hand side of the miner, which prevented lever from returning to neutral position and caused miner to turn.	Miners should not be that close to the miner, the roof control plan was not being followed and needs to be.
2/07/2003 United States Coal Underground	Other	A carbonate nodule was struck which caused a part of the miner head to snap off and strike the operator in the neck.	These nodules should be jarred loose and not mined, stay a safe distance from the mine face, use of PPE in those conditions to prevent this.
15/04/2003 United States Coal Underground	Other	Operator was backing machine out of face area to clean up a cut when he was pinned against the coal rib and killed.	Operators should use remote control operation where available, improved illumination around mining area and ensure workers follow all safety protocols.
12/08/2002 United States Coal Underground	Other	Labourer was caught between a continuous mining machine and the mine roof.	Lack of communications, pre-planning and experience by workers moving the machine.
26/07/1999 United States Coal Underground	Other	A continuous miner helper was fatally injured when he was attempting to drag a trailing cable. He apparently stumbled forward against miner being trammed. Miner was travelling over undulating ground and crushed helper against roof with boom as it lifted.	All miners to be in a safe location while continuous miner is trammed. All mining equipment to be stopped while trailing cable is being hung. All miners should wear reflective material.
24/03/1995 United States Coal Underground	Other	A trainee was fatally injured working as a continuous miner helper. The miner operator was tramping machine through a crosscut. Trainee was attending to power cable at rear of machine when he became trapped between machine and rib as it was slewed.	
10/01/1994 Australia Western Australia Coal Underground	Other	The deceased, an underground coal miner, was crushed between a continuous miner and the rib while the machine was being trammed.	
4/02/1981 Australia New South Wales Coal Underground	Other	Crushed between continuous miner canopy and coal rib.	

22/05/1980 Australia New South Wales Coal Underground	Other	Machine man was working near a continuous miner when he became jammed between the drivers compartment and a standing prop.	
1971 Australia New South Wales Coal Underground	Other	Struck on the chest by a continuous miner cable which apparently whiplashed as he was about to handle it.	
1968 Australia New South Wales Coal Underground	Other	Crushed between timber legs and a continuous miner which was being moved on a flat top trolley in the pit bottom. The picks of the miner dislodged the timber as it was being moved.	
24/02/1953 Australia Queensland Coal Underground	Other	Fatally injured whilst spalling a rock on a grizzly, a chip from the rock being spalled pierced his neck.	
4/06/1998 New Zealand Coal Underground	Outburst	Miners were asphyxiated when buried by an outburst of coal and gas while driving a heading underground	
1985 Australia New South Wales Coal Underground	Outburst	There was an outburst of fine coal dust and gas which asphyxiated the continuous miner driver.	
1977 United Kingdom Coal Underground	Outburst	In a known area for build up of gassy ore, mining continued where there had been previous outbursts and one of these killed a continuous miner driver.	
19/01/1996 United States Coal Underground	Uncontrolled Release of Energy	While repairing a universal drive shaft assembly for gathering arms on a continuous miner a foreman was crushed when ripper head fell on him. Prior to work, miner was set on blocks, however during repair blocks failed and ripper head fell on victim.	Isolate equipment in accordance with industry standards prior to commencing work.