

MDG 12/26/36 – Winder and Rope Fatal Incidents

Incident Information	Agent of Fatality	Events	Recommendations
10/08/2007 United States Coal Underground	Fall from Heights	While in a bucket being lowered into the shaft, the bucket tipped, causing them to fall to the bottom of the shaft.	Inspect equipment before use, Look and analyse and use adequate fall protection
28/11/2002 Australia New South Wales Non-Coal Underground	Other	Person fatally injured whilst travelling in shaft cage.	
28/08/2000 United States Coal Underground	Unintended Operation of Equipment	Two contract employees were fatality injured when a rail mounted slope hoist mantrip ran away due to slack in rope. Weight and speed of car broke rope as slack took up. Overspeed devices failed and car crashed as it hit a curve in railway.	Persons conducting inspections be provided with proper training. All safety devices on brake cars be examined, tested maintained in working order. Hoist control mechanisms to be operated as designed. Rollers, guide blocks and hoist ropes to be examined regularly.
1977 United Kingdom Coal Underground	Fall from Heights	As he was leaving the cage, it suddenly ascended and he fell to his death. The winder operator had selected automatic wind and that combined with the selection of the destination first resulted in an unexpected cage movement.	The use of manual immobilization switches on each of the levels where the cage will stop.
1977 United Kingdom Coal Underground	Fall from Heights	Fell to the bottom of a shaft where he had been assisting with the replacement of a guide rope weight rod.	Wear a safety harness when working in elevated positions.
1976 United Kingdom Coal Underground	Catastrophic Failure	Was killed when the connecting rope between the two elements of a double acting Warwick broke, allowing one of the girders to fall on him.	
1970 Australia New South Wales Coal Underground	Contact with Moving or Rotating Plant (Guarding/Access to Danger Zone)	Struck by a winch rope under tension. They were withdrawing powered supports from a longwall face, using a puller winch, when the rope flew from a snatch block from which retaining pin head had been removed.	
24/08/1965 Australia Queensland Coal Underground	Uncontrolled Release of Energy	Fatally injured when he was crushed by a 70 lb rope roller which had become detached in the main haulage way.	
1964 New Zealand Coal Underground	Contact with Moving or Rotating Plant (Guarding/Access to Danger Zone)	Became entangled in the winch mechanism.	
30/07/1963 United Kingdom Coal Underground	Catastrophic Failure	Cage accident with a complete failure of brake mechanisms on cage winder.	

1959 Australia New South Wales Coal Underground	Fall from Heights	While in a cage moving down the shaft, the operator considered that it was moving too quickly and applied the hydraulic engine brake when a man was thrown from the cage to the shaft bottom.	
1957 Australia New South Wales Coal Underground	Contact with Moving or Rotating Plant (Guarding/Access to Danger Zone)	A rope was being replaced on one of the boom rams of a coal loading machine, with a jack being used to take up the rope slack. The jack slipped and jammed one workers head against the boom, killing him.	
15/09/1914 Australia Queensland Coal Underground	Other	Fatally injured when the hauling rope broke while he was on the dip and he was struck by a runaway wagon.	
22/05/1914 Australia Queensland Coal Underground	Unintended Operation of Equipment	Fatally injured whilst filling coal off a jig from a flat sheet. He got in front of a loaded wagon to guide it on the rails. The chain was not attached and the wagon crushed him against a prop.	
16/09/1901 Australia Queensland Coal Underground	Uncontrolled Release of Energy	Fatally injured when a water wagon left the rails and the draw bar broke, allowing the end of the rope or chain to strike him.	
26/7/1897 Australia Queensland Coal Underground	Contact with Moving or Rotating Plant (Guarding/Access to Danger Zone)	Fatally injured from spinal injuries when he was caught up in the coil whilst lowering the guide rope down the shaft.	
11/10/1893 Australia Queensland Coal Underground	Contact with Moving or Rotating Plant (Guarding/Access to Danger Zone)	Fatally injured when he became entangled between the rope and the drum at the winding engine.	
3/5/1886 Australia Queensland Coal Underground	Drowning	Fatally injured when they drowned when the bucket in which they were standing in to be lowered into the shaft's rope broke sending the bucket plummeting into water at the bottom of the shaft.	