



**Investigation Report of a serious injury at Clarence Colliery on 12 July 2004**

<b>Location:</b>	Clarence Coal Pty Ltd
	Clarence Colliery
	609 D Panel, 18 c/t, D heading
<b>Date:</b>	12 July 2004
<b>Classification:</b>	Coal
	Underground
	Serious injury
	Employee
<b>Safety Alert:</b>	SA 04 16
	Serious Spinal Injury
<b>Work Task:</b>	<p>An inexperienced mine worker and other mine personnel on the night shift were engaged in the task of relocating a continuous miner machine following floor brushing operations.</p> <p>The work activity required the lowering of the continuous miner electrical power cable which was suspended over the continuous miner from the roof of the roadway.</p>
<b>Factors:</b>	<p>Two inexperienced mineworkers and two experienced mineworkers were located within a machine operational 'no standing zone' during the relocation of a remote controlled continuous miner.</p> <p>The two inexperienced workers were located on the rear of the conveyor boom as the machine was moved towards the next cable roof hanger. The machine pivoted as it was being moved around a corner and over uneven ground created by the floor brushing work. The movement caused the conveyor boom to rise rapidly upwards to the roof.</p> <p>As a result one person on the conveyor boom received paraplegia spinal injuries. The second person on the conveyor boom moved in a forwards direction and was not injured.</p>
<b>Key Words:</b>	Control zones
	No standing zones
	MDG 5002 Guidelines for use of remote controlled mining equipment
	MDG 5002A Assessment document to accompany MDG 5002
	MDG 5004 - C.J. Pitzer Report. 'A study of the risky positioning behaviour of operators of remote control mining equipment'
	MDG 40 Guideline for hazardous energy control
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