



DCC RISK ASSESSMENT 17

OPERATION			
Members of film crew and cast, DCC members and members of public during filming on surface and underground. This assessment includes aspects of safety on the surface regarding the risk of public access to the area. This assessment must be completed, reviewed and signed before being accepted as a reasonable assessment.			
SITE	TBA	DEPUTY	TBA
Standard risk assessments:	GA01, GA04, GA05, GA06, GA12, GA14, GA17, GA20, GA21, GA22		
HAZARDS	Possible outcome	Hazard rating	
1	Being struck by a moving vehicle.	Major injury	3
2	Becoming detached from the main party.	Panic and disorientation	1
3	Physical inability or personal medical problems, especially those brought on by physical exertion.	Immobilization of person and party, panic, phobias	2
4	Unsuitable clothing for underground exploration.	Personal discomfort	1
5	Trips and falls hazards underground.	Serious injury	2
6	A visitor's inability to accurately assess their personal capability to complete the underground tour.	Immobilization of person and party, panic, phobias	2
7	Failure of the personal cap lamp	Inconvenience, panic	1
8	Fall down open shaft	Major injury	3
9	Fall down open works	Major injury	3
10	Fall of object on person in shaft	Major injury	3
11	Electricity	Major injury	3
12	Failure or instability of the fixed equipment or mine fabric.	Major injury	3
Highest hazard rating: 3 = major, 2 = serious, 1 = slight:			3
PEOPLE AT RISK			
1	DCC members. Film crew and cast. Public.		
2	DCC members. Film crew and cast.		
3	DCC members. Film crew and cast.		
4	Film crew and cast		
5	DCC members. Film crew and cast.		
6	Film crew and cast		
7	DCC members. Film crew and cast.		
8	DCC members. Film crew and cast.		
9	DCC members. Film crew and cast. Public.		
10	DCC members. Film crew and cast.		
11	DCC members. Film crew and cast. Public.		
12	DCC members. Film crew and cast.		
LIKELY REASONS FOR HARM TO ARISE FROM THE OPERATION		Residual probability after taking action	Haz x Prob = Risk rating
1	Traffic movements on track	1	3
2	Curiosity or deliberate act by visitor; neglect or inattention of the leaders.	1	1
3	Visitor not declaring medical problems to the leader; leader not prepared for problems; leader not observing group for potential problem.	1	2
4	Insufficient information conveyed to the party prior to the trip.	0	0
5	Leaving the designated paths or loss of spatial motor control	1	3

6	Personal inexperience of time, distance and exertion capabilities, phobias; unsympathetic or inattentive leading. Trip will be relatively low exertion.	0	2
7	Failure of DCC's lamp maintenance program; failure of leader to check lights during issue. Failure to provide spare lights.	1	2
8	Lack or protection at shaft top; lack of care by crew or cast at shaft top.	1	3
10	Lack of care by crew or cast at shaft top.	1	3
11	Use of unearthed supplies or inadequately rated cabling. Damage by moving people or objects. Contact between unsuitable connections and water.	1	3
12	Failure of the DCC's integrity checks; failure of leader to lead from front and assess conditions during the trip; failure of DCC to advise leaders on ad hoc risk assessment.	1	3
Probability rating: 3 = high, 2 = medium, 1 = low, 0 = eliminated.			
Highest residual risk rating: (Hazard x Probability of harm):			3

Key: 1 no action or low priority action **6** high priority, further action required
 2 low priority action **9** URGENT ACTION before any further work
 3 or 4 medium priority action

ACTIONS TO REDUCE RISK		Name	Date by
1		This falls outside scope of DCC.	
2	A	If the film crew and cast is larger than two or three people, tape will be placed across the points where the crew and cast will not be allowed to go.	Mine Manager Prior to start of event
2	B	The underground access to the workplace will only be along the shortest route guided by a club member. The party shall be told not to stray from the group and if this happens to stay where they are.	Trip leader Each trip underground
2	C	A minimum ratio of 1 DCC member per 7 visitors. (Insurance and lease requirement)	Trip leader Each trip underground
2	D	If anyone wants to visit other parts of the mine during the day, normal visitor rules and risk assessments will apply.	Trip leader If required
3		The crew and cast shall be asked before the start of the tour if anyone has any medical conditions that may affect their motor power or pulmonary vascular circulation. The underground visit is usually limited in length.	Mine Manager At start of event
4		Information regarding the environment underground will be given to the group. Suitable clothing shall be available to the group.	Mine Manager Before event and prior to first visit underground
5	A	Any potential trip and fall hazards will be marked at the start of the day.	Mine Manager Prior to start of event
5	B	The group shall be informed before the start of the tour of the environmental conditions and terrain that they will be expected to negotiate underground. Leader to observe visitors on the walk down and in the adit to identify any potential problems.	Trip leader Each trip underground
6	A	The group shall be asked before they go underground if anyone has any phobias that may affect their ability to complete the visit	Trip leader Each trip underground
	B	Leader to be attentive to anyone acting unusually.	Trip leader Each trip underground
7	A	All lamps shall be checked for correct operation when issued.	Mine Manager Prior to start of event

ACTIONS TO REDUCE RISK		Name	Date by
7	B	Spare lamps to be placed in entrance to mine. If a lamp fails, a fresh one can be fetched from the entrance.	Mine Manager Prior to start of event
8	A	Temporary fencing to be provided to protect crew and cast from accidental fall down any shafts opened for the filming.	Mine Manager Prior to start of event
8	B	Observers to be on hand when fencing is removed for filming to watch crew and cast who may not be fully attentive of the risk of the open shaft.	DCC members When fencing removed
8	C	Gates to be watched to ensure public do not enter area when shaft may be unprotected. Gates to be closed and locked if not required for access. (Subject to location.)	DCC members and possibly film crew for gate on track At all times
8	D	If practical, persons working in very close proximity to a shaft to be lifelined. DCC to provide sit-harnesses, ropes and Shunt.	DCC members When fencing removed and when required
9	A	Temporary fencing to be provided to protect crew and cast from accidental fall down open works.	Mine Manager Prior to start of event
9	B	All to be advised of risks of fall into open works.	Mine Manager At start of event
9	C	Gates to be watched to ensure public do not enter area when a shaft may be unprotected. Gates to be closed and locked if not required for access. (As for 8C)	DCC members and possibly film crew for gate on track At all times
10	A	Helmets to be worn at all times underground wherever possible. It is acknowledged that filming with a helmet on can be difficult, in which case a soft hat is better than nothing. For a cast member required not to wear a helmet, the helmet should only be removed at the last minute.	Trip leader At all times
10	B	Any loose objects must be kept away from shaft tops until required. If possible, heavy objects that could fall down the shaft should be tethered.	DCC members When fencing removed
11	A	Electrical connections should be rated to IP44 and cable should be suitable for the purpose (i.e. where it could be subject to abrasion and in a high humidity with significant risk of contact with water). Cabling should be laid so as to minimise the risk of damage.	Film company representative Prior to start of event
11	B	Supplies should be fed through a suitable (30mA) RCD.	Film company representative Prior to start of event
11	C	Only equipment that has a current PAT test label fitted is to be used. Any equipment that is found to be damaged must not be used.	Film company representative Prior to start of event
12	A	The DCC inspect the mines annually and repair or replace any structure as required or put out of bounds and sign accordingly	Mine Manager Annual and before trip
12	B	The route shall only follow a pre-determined route along a section of mine covered by our clear floors policy any new material shall be reported to the mine manager	Trip leader Each trip
12	C	Leaders understand the clear floors policy and know what to look for and how to respond.	Trip leader Each trip
ASSESSED BY:			DATE:
CHECK BY SAFETY COMMITTEE:			DATE:

One copy of this assessment should be kept at the workplace and another in the Safety File.