

REPORT

It has become immediately apparent how extensive Health and Safety is , as part of a film making process, how important, how much detail is required and the implications to the film insurance or even future existence. Therefore it is the purpose of this report to evaluate the reason this Risk Assessment was devised , how accurate a representation it was and critic my own decision making when preparing this module.

The format of this task really breaks down into three sections .

1. The outline and scene scenario , where we are asked to assume a little poetic license and invent a film name and scenario that could ideally be filmed. This would allow us creativity but I still believed in keeping it feasible.
2. The portfolio itself , being an extensive paper trail of well documented forms to allow us to comply with HSE needs within the UK. Here I focused on proven records previously devised by companies like S4C, the BBC and the NT. Intending where ever possible to keep it real , and keeping a firm administrative head on when working on this section.
3. The Report , although it is an evaluation and a look back on what I have done right and wrong and what I would do different next time , this is still a Health and Safety Risk Assessment , therefore it is of vital importance I endeavour to keep this Report clinical and not wander off on different creative ideas of what different scenes I should have shot in hindsight. I felt it was important to continually re read the brief and attempt to comply with the module report template.

So allow me to reflect on 1. The scene scenario...In reflection I selected the Dolaucothi Gold Mine Cave having been seduced by the images the headlamps made on the cave interior , creating mystery and a surreal atmosphere and the fact it was in Wales , as I would of liked to add more rural Welsh scenes to the script later. However, after my initial tutorial on this module , it was suggested I look at other movies filmed in caves. My initial research lead me to look at films called 'The Cave ' and 'Sanctum' as suggested. Both being valuable tools to watch and then re assess my own capabilities. 'The Cave' had the creative lighting I wanted , and 'Sanctum' would have been a brilliant test to do a HSE risk assessment for. Although , I needed not to be side-tracked as my original scene was only designed to be a tease and not the basis of the story. What did come out of this tutorial and film research was the idea to change the direction of the initial walk, from walking slowly further down into the tunnel , with the cameraman following the leading lady on foot in the dark, to the reverse , the character slowly walking out towards the exit of the cave tunnel were the bright exterior light would still blur the viewer's vision , but instead focus on the character's silhouette , her outline and the fact she is carrying a rifle, all exaggerated by the lighting.

I had also included in my Scope a possible last scene . I included this because I wanted the viewer to understand the leading character more. I felt a serious ending

the best way to make a statement , by being placed at the end of what had been a humorous tongue in cheek poke at action movies. I believed it important to allow the story to let off as much steam as possible and its broad outline would give the Director - Carte Blanche to include as many stunts as possible and use high tech adjustments at will. However, this is at a price. Not to confirm to stereotypes I want the final scene to deliberately show how badly they are injured, and how serious she is .This should make or break the character for the audience – a win/win situation..

Moving now to 2. The Risk Assessment Portfolio.

I totally respect how important these forms are, not only in their prevention of possible accidents, but the implications to the companies insurance . if you got these sets of forms wrong or neglect to fill them out properly the entire project could be jeopardized and possibly the film company itself.

Therefore, I believe having completed the portfolio previously submitted, that it would be very pertinent and productive to create a position within the film crew for a Dynamic Risk Assessor (DRA) . The role would be both on and off set, and ideally suit a person who is both happy and at home in both an administria role as well as out on the film location. Having created such a position this individual could focus on the paperwork trail prior to shooting , becoming familiar with HSE changes and protocol are it changes. It would be naive to ignore excellent risk assessment portfolios already in place with companies like the BBC and look to mimic some of their proven ideas and report forms where possible.

The DRA would also be present on set or film locations during any filming, having their own opportunity to add to the communication during Role Call. And have the power to stop a film shoot if hazards were to present themselves during filming that could cause harm to the cast or crew. Focusing on the here and now during filming , which is the exact role of a Dynamic Risk Assessor.

The role would also include being the first aider, fire marshal, and mental health counsellor and be fully fit to BBC level 2 standard , so as to help out on film sets and also be a driver if required.

By making all these responsibilities one person's role it would make filming with a small crew easier. However, it also means that the Producer or Director would need to stand in if the DRA was unavailable. This would make an ideal position for an assistant , to learn and if necessary at a later date stand in at short notice.

It only leaves me now upon reflection to stress how important these forms are and their correct completion.

Finally 3. My reflection and honest evaluation.

I felt it was way to easy to get caught up in the romance of writing a scenario or plot. That was not the exercise , that

was only the joint of meat to be cooked. What is important was the attention to detail when following The Recipe..

Every new concept or idea would in turn create its own risk assessment portfolio and many man hours could therefore be wasted if the idea or scene were to be cut. So how much influence would these assessments make on a movie and the Directors

final choice of scene.? Probably very little , more like a team of tireless detectives working on a murder case collecting and compiling evidence. No one piece of paperwork is the answer , but the complete and accurate account of before , during and after, with experts consulted at all stages.

APPENDICES

Purely for reference purposes I wish to include the following four images.

1. I wish to acknowledge Nia Rodgers for the inspiration for the name Cody Plocinski



2. My dismal attempt at an Artists impression of scene one (better to use an artist next time).



3. What the interior of the tunnel walls look like with a lighting used underground.



4. A female character (not Cody) in the tunnel caught by headlamp.



Please note I have enclosed separate document that is the actual risk assessment carried out by the NT Dolau Cothi Gold Mine

Site risk assessment form

PROPERTY	Dolaucothi Gold Mines	LOCATION	Whole Site	REF NO.	DOL018
DEPARTMENT	Whole site H & S	HEAD OF DEPT.	Donna Sharp	DATE	07/01/2019
ACTIVITY	Whole site risk assessment (for public, staff, volunteers, contractors etc)				
Relevant Model or Site Risk Assessments					

Nature of hazard	Worst outcome	Groups at risk	Current precautions	Estimation of risk	Further precautions	ACTIONS TO COMPLETE
Terrain on tour paths including steps and road	Minor injury	Public, staff, contractors, volunteers, tenants	All tours and mine yard inspected daily before tours start, monthly by authorised mine inspector Tree safety inspection	Severity of hazard :moderate Likelihood of event :possible Adequacy of controls :good	Ensure mine & site inspection records are completed and signed daily	
Terrain underground	Fatality/major injury	Public, staff, contractors, volunteers,	All tours and mine yard inspected daily before tours start, monthly by authorised mine inspector and annually by geotechnical engineer. Tour guides trained to 'sound out' the rock faces to safely remove loose rock.	Severity of hazard :moderate Likelihood of event :possible Adequacy of controls :good	Ensure mine inspection records are completed daily PPE to be worn	
Terrain in mine yard	Minor injury	Public, staff, contractors, volunteers, tenants	Daily site inspection carried out and defects reported. Condition surveys carried out on the collections	Severity of hazard :moderate Likelihood of event :possible Adequacy of controls :good	Ensure mine & site inspection records are completed and signed daily	
Terrain on walks	Fatality/major injury	Public, staff, contractors, volunteers	Walks are checked daily for tour routes. Estate checked periodically but especially after high winds or snow. Tree survey carried out.	Severity of hazard :moderate Likelihood of event :possible Adequacy of controls :fair	Have periodic recorded checks on walks	Checks done in accordance with High Wind policy
Low head height underground	Fatality/major injury	Public, staff, contractors, volunteers	All persons going underground MUST wear a hard hat, tour guides to inform public of underground areas with low head height, staff training to	Severity of hazard :moderate Likelihood of event :possible Adequacy of controls :good	Ensure staff know this in training and refer to RA for	Check dates and condition of all hard hats at start of each season

Site risk assessment form

			ensure tour guides know to inform public		underground tours	
Nature of hazard	Worst outcome	Groups at risk	Current precautions	Estimation of risk	Further precautions	ACTIONS TO COMPLETE
Mine yard buildings	Minor injury	Public, staff, contractors, volunteers	Sheds checked daily	Severity of hazard :moderate Likelihood of event :possible Adequacy of controls :good	Checklist to be completed for daily cleanliness and tidiness	
Falls from height, (including into mine trenches)	Fatality/major injury	Public, staff, contractors, volunteers, tenants	Public tours are currently all guided tours, dangerous areas are fenced off. New fencing completed December 2015 of drovers road, Carreg Pumsaint and roadside, new gates also installed. Geotechnical inspection and work carried out in March 2017 to remove loose rock from Mitchel and Ogof fawr.	Severity of hazard :extreme Likelihood of event :possible Adequacy of controls :fair		
Slips/trips/falls on the same level	Minor injury	Public, staff, contractors, volunteers, tenants	Visitors are advised of ground conditions before going on tour or self-guided walks. Guided routes inspected daily. Leaf litter to be cleared from paths and step edges to be replaced as necessary.	Severity of hazard :moderate Likelihood of event :possible Adequacy of controls :good	All staff to do daily checks to ensure access ways are clear, including the shop	Any issues are reported throughout the team and documented.
Contact with moving machinery (including mine machinery and head frame)	Injury leading to > 3 days off work/major injury	Public, staff, contractors, volunteers, tenants	1930's machinery has guards, staff or volunteers should always be present when machinery is in motion, but currently mothballed and not part of the visitor offer. Staff and volunteers are trained to be aware of those around them while using machinery such as mowers (toolbox training to be given prior to	Severity of hazard :moderate Likelihood of event :possible Adequacy of controls :fair		Ensure this is done in staff and volunteer inductions, and recorded on a training record form

Site risk assessment form

			use)			
Fire/explosion	Fatality/major injury	Public, staff, contractors, volunteers, tenants	Fire log book checks completed regularly, fire extinguishers, alarms in place and tested.	Severity of hazard :extreme Likelihood of event :possible Adequacy of controls :good	Fire and emergency training done. Fire extinguisher training completed March 2018	Emergency plan training to be put in place, start of each season and regular drills
Nature of hazard	Worst outcome	Groups at risk	Current precautions	Estimation of risk	Further precautions	ACTIONS TO COMPLETE
Animal/insect bites or stings Animals/livestock	Minor injury Fatality	Public, staff, contractors, volunteers, tenants	Dogs are to be kept on leads No dogs on guided tours to Mitchel's mine or Long adit	Severity of hazard :extreme Likelihood of event :possible Adequacy of controls :fair	Dogs in livestock field signs to be installed First Aid trained staff to advise visitors to go to seek medical advice horse fly bites, insect stings, etc.	
Hazardous plants	Minor injury	Public, staff, contractors, volunteers, tenants	No hazardous plants in high use areas. Staff trained if having to work in areas containing hazardous plants.	Severity of hazard :moderate Likelihood of event :possible Adequacy of controls :good	Staff training	
Fall of object or material from a height	Fatality/major injury	Public, staff, contractors, volunteers, tenants	Dangerous tree survey Mine inspections daily and monthly	Severity of hazard :extreme Likelihood of event :possible Adequacy of controls :fair	Regular geological survey carried out to identify potential dangers.	

Site risk assessment form

Drowning	Fatality	Public, staff, contractors, volunteers, tenants	Area of the tailings pond significantly overgrown to restrict access. Access to the river is via a sloping bank.	Severity of hazard :extreme Likelihood of event :possible Adequacy of controls :fair	None as hazard does not present a high enough risk for precautions to be put in place	
Nature of hazard	Worst outcome	Groups at risk	Current precautions	Estimation of risk	Further precautions	ACTIONS TO COMPLETE
Rock falls	Fatality/major injury	Public, staff, contractors, volunteers, tenants	Daily and monthly mine inspections. Annual inspection by geotechnical engineers and descaling taken place on their advice.	Severity of hazard :extreme Likelihood of event :possible Adequacy of controls :fair	Annual geological survey carried out to identify potential dangers.	
Strain from repetitive movements	Minor injury	Staff, volunteers and contractors	Staff training and work place assessments	Severity of hazard :moderate Likelihood of event :possible Adequacy of controls :good		
Hypothermia/exposure	Injury leading to > 3 days off work	Public, staff, contractors, volunteers, tenants	PPE and sunblock supplied, included in staff training to take care	Severity of hazard :moderate Likelihood of event :possible Adequacy of controls :good		
Contact with hand tools	Injury leading to > 3 days off work	Staff, volunteers, contractors, public	PPE and staff training and volunteer inductions – toolbox talks	Severity of hazard :moderate Likelihood of event :possible Adequacy of controls :good		
Lifting and manual handling	Injury leading to > 3 days off work	Staff, volunteers and contractors	Staff training, PPE and lifting and moving equipment on site	Severity of hazard :moderate Likelihood of event :possible Adequacy of controls :good		
Contact with hot surfaces/steam and liquids	Injury leading to > 3 days off work	Staff, volunteers	Staff training Tearoom staff trained by tearoom	Severity of hazard :moderate Likelihood of event :possible Adequacy of controls :good		

Site risk assessment form

Violence/physical assault	Injury leading to > 3 days off work	Public, staff, contractors, volunteers, tenants	Staff training (some) Lone working kept to a minimum and buddy system used. Panic button in shop	Severity of hazard :serious Likelihood of event :possible Adequacy of controls :fair		
Nature of hazard	Worst outcome	Groups at risk	Current precautions	Estimation of risk	Further precautions	ACTIONS TO COMPLETE
Contact with vehicle	Injury leading to > 3 days off work	Public, staff, contractors, volunteers, tenants	No vehicles allowed into mine yard during opening hours.	Severity of hazard :serious Likelihood of event :possible Adequacy of controls :good		
Electric shock or burn	Major injury/fatality	Public, staff, contractors, volunteers, tenants	Fixed and portable electrical testing done annually	Severity of hazard :extreme Likelihood of event :possible Adequacy of controls :good		
Exposure to harmful substances	Serious ill-health	Public, staff, contractors, volunteers, tenants	Only qualified contractors use pesticides, staff training for use of fuels, chemicals and fuels kept in locked stores	Severity of hazard :serious Likelihood of event :possible Adequacy of controls :good	Harmful substances kept on site kept to minimum	
Noise and vibration	Minor injury	Public, staff, contractors, volunteers, tenants	PPE provided	Severity of hazard :moderate Likelihood of event :possible Adequacy of controls :good		

Assessment carried out by	Donna Sharp	Date of previous assessment	02/01/2017
Job title	Operations Manager	Date of this assessment	07/01/2019
Signed	Donna Sharp	Next assessment before	01/03/2020