| Risk No. | Hazard | Risk | Inherent Risk Lik. Cons Risk | | | Controls | Residual Risk Lik. Cons Risk | | | ALARP | Finding: *Issues? Problems? Adopt?* | Action By | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1. 1 | Holes  Uneven surfaces  Tripping hazards. | Trips, falls and injury | 3 | 4 | 7 | ▪ Fill holes.  ▪ Level uneven surfaces.  ▪ Induction training.  ▪ Isolate danger zones with fences or tape. | 1  1  2  1 | 1  1  2  1 | 2  2  4  2 | Y  Y  N  Y | Adopt (done)  Progressive (large area)  Revise by new Toolbox mtg  Start with ground controls and frames | TM  TM  SM  TM |
| 1. 2 | Frame Levers, Signal Levers and Ground controls for Points. | Pinch points and entrapment if unauthorised movement. | 3 | 4 | 7 | Isolate by locking each control lever. | 1 | 1 | 2 | Y | Adopt | tm |
| 1. 3 | Platform: Edge horizontal alignment. | Fouls Rollingstock. | 3 | 4 | 7 | Realign edge. | 1 | 1 | 2 | y | Adopt prior to running Rollingstock. | tm  rm |
| 1. 4 | Platform: Edge timbers rotten & sagged. | Fall and injury. | 4 | 4 | 8 | ▪ Replace or invert edge timbers.  ▪ Paint warning stripe on platform edge. | 2  2 | 2  2 | 4  4 | N  y | Height risk at platform.  Adopt – same problem exists at all NSW platforms. | im  tm |
| 1. 5 | Platform edge low leading to excessive slope down to edge. | Stroller or rolling object falls to track. | 3 | 4 | 7 | ▪ Raise platform edge and regrade surface.  ▪ Warnings & control staff on running days. | 2  1 | 3  2 | 5  3 | y  y | Adopt with other controls  Implement when operational. | im  om |
|  | Platform: no passenger barrier at ends. | Injury to public when running Rollingstock. | 2 | 4 | 6 | Erect barrier fence at platform ends. | 1 | 1 | 2 | y | Adopt prior to running Rollingstock. | tm  im |
| 1. 6 | Loading bank platform – low end. | Fall and injury. | 3 | 4 | 7 | Erect fence on S end & paint warning stripe on platform edge. | 2 | 3 | 5 | y | Adopt – same problem exists at all NSW platforms. | tm |
| 1. 7 | Loading bank (wool) platform – high end (1.9m) | Fall and serious injury. | 3 | 4 | 7 | ▪ Erect fence along to low level platform.  ▪ Erect warning tape barrier | 1  1 | 2  3 | 3  4 | y  y | Adopt in long term.  Implement in short term | im  tm |
|  | Station Building – possible lead paint issue with peeling ceiling paint in most offices. | Health hazard from dust and particles | 3 | 4 | 7 | ▪ Test for lead content.  ▪ Carry out appropriate OH&S procedures to remove hazard. | 1 | 1 | 2 | y | This may be an issue for ARTC as the building owner. |  |
|  | Station Building – possible asbestos issue in external cladding with asbestos sheeting (gables and rear wall). | Health hazard if disturbed. | 3 | 4 | 7 | Do not disturb painted surfaces which are in good condition. | 1 | 1 | 2 | y | Adopt non disturbance policy. Monitor and re-assess if repainting required. | im |
|  | Station Building – possible asbestos issue in external roof cladding with asbestos shingles. | Health hazard and possible contaminant for rain water tanks. | 3 | 4 | 7 | ▪ Test for asbestos content.  ▪ Replace shingles and other roof cladding with environmentally safe products.  ▪ Mark tank taps as unsafe for drinking. | 1  2 | 1  2 | 2  4 | y  n | This may be an issue for ARTC as the building owner.  The taps may need to be locked. | im |
|  | Station Building – fire hazard. | The building has a timber floor and timber framed roof with combustible furnishings offering a fire risk. | 3 | 4 | 7 | ▪ Appropriate approved fire extinguishers need to be supplied and fitted along with a posted evacuation plan.  ▪ Implement fire and evacuation drills.  ▪ Fit smoke alarms | 2  1  1 | 3  2  2 | 5  3  3 | y  y  y | Adopt ALL measures to minimise risk to ALARP. | im  sm  im |
|  | Oberon Yard precinct - fire hazard. | There is a future risk of fire in the yard due to vegetation re-growth and accumulation combustible materials used in restoration of the precinct. | 3 | 4 | 7 | ▪ Develop a plan with the Town Fire Brigade and RFS to allow effective brigade access and location of hydrant points in an emergency event.  ▪ Eliminate dangerous vegetation growth by constant site maintenance.  ▪ Minimise the accumulation of other combustible materials. | 2  2  2 | 2  3  3 | 4  5  5 | n  n  n | Adopting ALL measures will achieve risk minimisation to ALARP. | ceo  im  tm |
|  | Oberon Yard precinct – identification and removal of hazardous materials. | Health and worker safety hazards due to an accumulation of hazardous materials on site. | 3 | 3 | 6 | ▪ Monitor and identify hazardous materials to eliminate build-up.  ▪ Develop a site Hazardous Materials Policy. | 2  2 | 2  2 | 4  4 | y  y | Adopt  Adopt | im  tm  sm |
|  | Public Access to view operations on “open days”. | Risk of trips, falls, injury, due to straying into dangerous areas. | 3 | 3 | 6 | ▪ Education of entrants by signage and verbal directions.  ▪ Erect temporary warning tape barriers.  ▪ Erect permanent barriers where possible. | 2  2  1 | 2  2  2 | 4  4  3 | n  y  Y | ALARP achieved by a combination of all 3 controls. | sm  im  tm |
|  | General site security. | Risk of vandalism causing theft, economic damage, damage to property and environmental damage. | 2 | 4 | 6 | ▪ General site security with man-proof perimeter fences (in place).  ▪ Proximity to houses offering observation.  ▪ Security cameras.  ▪ Security Patrols | 2  2  2  2 | 4  4  3  4 | 6  6  5  6 | n  n  n  n | ALARP achieved by a combination of all 4 controls (fencing is in place).  The cost of the last two controls may inhibit implementation.  (action by Cttee of Mgt) | CM |
|  | Levelling of NW section of site by Oberon Council. | Risk of injury to OTHR volunteers. | 3 | 4 | 7 | Site to be closed except for Managers invited by Council and operations to be controlled by Council. | 1 | 1 | 2 | y | Adopt | tm |
|  | Runaway or accident due to sleeper trolley being propelled (manually) at a faster than necessary rate. | Risk of injury to OTHR volunteers.  Risk of collision and damage to property | 3  3 | 4  4 | 7  7 | ▪ Automatic braking system is checked and operational.  ▪ Trolley always operated at slow walking pace. | 2  1 | 2  1 | 4  2 | n  y | Always operate at slow walking pace - but check valid operation of braking system. | all |
|  | Potential hazard: addition of operating rollingstock. | OTHR will be slowly commencing to relocate rolling stock to the site after the yard accreditation is granted.  OTHR recognises that there are potential additional hazards and risks and the organisation is currently developing specific assessment tools for each item of rollingstock prior to its relocation. |  |  |  | Risk assessments will be submitted to ITSRR for this process as soon as items are selected or allocated. |  |  |  |  |  |  |
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Risk management carried out by a team working under Systems Manager, Rick Fletcher on 15th July 2009  
Team consisted of OTHR fettlers: Peter Culley (TM), Harry Cole, Arthur Robinson, Bob Wilson, Richard Webb, Clive Payne, Graham Williams, Ross Allen, Charles Hazelwood, Russell Merriman.

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