Risk Assessment - Guided Locomotive Shed Tours

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Assessment Approver: Kevin Jarvis

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Team: Kevin Jarvis

Guided locomotive shed tours for the general public

Type	Hazard Cause	Persons Affected	Control Measures	L S T Overall	Additional Control Measures	L S T Overall	Owner/Action
Health and Safety	Injury or harm to members of the public Interaction with normal work activities	Public	1) CRITICAL - Elimination: Wheelchair and mobility scooter users are not allowed due to the presence of rails in the floor - Effective 2) CRITICAL - Engineering: Tour guide to ensure that no hot work or naked flame work, lifting operations, paint spraying, needle guns or grinding to be undertaken during the duration of the tour. - Effective 3) CRITICAL - Administrative: Tour guide to walk the route prior to the start of the tour and remove any hazards or adjust the tour route accordingly. Guides to inform volunteers of the presence of the tour. HoD's and Project Leaders can refuse the tour entry to any area. - Effective 4) CRITICAL - Administrative: Tour guide to carry out a standard Safety Brief before the start of the tour. - Effective 5) CRITICAL - Administrative: No U11's allowed on any tours. - Effective 6) CRITICAL - Administrative: Tour limited to a maximum of 10 people with 1 guide and 20 people with 2 guides. - Effective 7) CRITICAL - Administrative: Tour guides can stop the tour at any time if they feel there is an issue or danger - Effective 8) CRITICAL - Administrative: Tour guides to regulalrly check tour party numbers are consistent and nobody has been left behind. - Effective 9) CRITICAL - Administrative: No smoking or the use of e-cigarettes at any time during the tour - Effective 10) CRITICAL - Administrative: A copy of this risk assessment is to be made available, read and understood by each tour guide - Effective 11) CRITICAL - Administrative: Tours will not be allowed if Covid restrictions are in place that limit group sizes to 6 or have restrictive social distancing - Effective 12) CRITICAL - Administrative: Children 11-16 must be accompanied by an adult with no more than two per adult. - Effective 13) CRITICAL - Administrative: Guides must ensure that any disabled persons will be capable of undertaking the tour without causing themselves or others any harm. - Effective 14) CRITICAL - Administrative: Tour guides should take into account the weather situation before starting a tour. The tour should be cancelled if it is deemed to be too hot, cold or icy to safely under take the - Effective 15) CRITICAL - Administrative: Tour guides should ensure that the participants should be sufficiently fit and able to participate in the tour. Tour guides can stop the tour at any time if they feel that any of the participants are showing signs of distress due to weather conditions or physical exertion - Effective 16) CRITICAL - Administrative: In times of hot conditions, the tour guide should warn the participants that they will be visiting hot areas and should be aware of becoming dehydrated due to the conditions - Effective 17) CRITICAL - PPE: Tour participants to wear Hi-Viz and suitable footwear. (No open toe shoes or high heels) - Effective	2 x 3 = 6 Medium - Risk to be minimised and controlled so far as is reasonably practical.	None	2 x 3 = 6 Medium - Risk to be minimised and controlled so far as is reasonably practical.	n/a

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Risk Assessment for Guided Locomotive Shed Tours - Global

Type	Hazard Cause	Persons Affected	Control Measures	L S T Overall	Additional Control Measures	L S T Overall	Owner/Action
Health and Safety	Slips/Trips/Falls Poor underfoot conditions, spilled substances or inappropriate footwear	Public	1) CRITICAL - Administrative: Clear and Tidy Work Area - Effective 2) CRITICAL - Administrative: A defined walking route has been established. - Effective 3) CRITICAL - Administrative: Tour guides to look out for spillages - Effective 4) CRITICAL - Administrative: Tours will only take place on concrete areas - Effective 5) CRITICAL - Administrative: Tour guides to point out any trip hazards such as cables or air hoses - Effective	3 x 2 = 6 Medium - Risk to be minimised and controlled so far as is reasonably practical.	None	n n n	n/a
Health and Safety	Burns, scalds, arc-flash or other similar injuries Contact with or exposure to hot work or components	Public	1) CRITICAL - Administrative: No hazardous work to be allowed when the tour is underway. i.e. Hotwork, naked flames, grinding, welding etc - Effective	2 x 2 = 4 Low - Risk to be monitored to ensure it remains adequately controlled to an acceptable level.	None	n n n	n/a
Health and Safety	Contact with hazardous substances Substances left in walking route and unprotected	Public	1) CRITICAL - Administrative: Tour guide to ensure that no such substances are present on the walking route. - Effective 2) CRITICAL - Administrative: All COSHH substances to be stored and handled as per the COSHH regulations. - Effective	2 x 2 = 4 Low - Risk to be monitored to ensure it remains adequately controlled to an acceptable level.	None	n n n	n/a
Health and Safety	Impact injuries Walking into locomotives, equipment or other objects	Public	1) CRITICAL - Administrative: Tour guide to ensure that the walking route is clear of any obstructions - Effective 2) CRITICAL - Administrative: HoD's to ensure that shed and yard areas are kept in a good state of housekeeping - Effective	2 x 2 = 4 Low - Risk to be monitored to ensure it remains adequately controlled to an acceptable level.	None	n n n	n/a
Health and Safety	Contact with moving road or rail vehicles Impact with moving vehicles	Public	1) CRITICAL - Administrative: Tour guide to ensure that no road or rail movements are to be carried out during the tour in the vicinity of the tour party and if there are to be movements, the tour guide will keep the party well clear of the movement until the person in charge of the movement has confirmed the movement has been completed. - Effective	2 x 5 = 10 Medium - Risk to be minimised and controlled so far as is reasonably practical.	None	2 x 5 = 10 Medium - Risk to be minimised and controlled so far as is reasonably practical.	n/a
Health and Safety	Fall from Height Fall into an open inspection pit or from a structure or locomotive	Public	1) CRITICAL - Engineering: Barriers to be erected at the end of open pits - Effective 2) CRITICAL - Engineering: Viewing platform has fully compliant handrails in all areas - Effective 3) CRITICAL - Administrative: Access to loco cabs and footplates is not allowed - Effective 4) CRITICAL - Administrative: Public are not allowed to use steps, ladders or platforms - Effective	2 x 5 = 10 Medium - Risk to be minimised and controlled so far as is reasonably practical.	None	n n n	n/a

Type	Hazard Cause	Persons Affected	Control Measures	L S T Overall	Additional Control Measures	L S T Overall	Owner/Action
Health and Safety	Noise Exposure to loud engineering activities	Public	1) CRITICAL - Administrative: No noisy operations allowed during tours such as needle guns, grinding, safety valve testing etc. - Effective	2 x 1 = 2 Low - Risk to be monitored to ensure it remains adequately controlled to an acceptable level.	None	n n n	n/a

COSHH Assessments

There are no COSHH assessments associated with this risk assessment.

Reference Documents

• Signing in form -
• Tour Guide Instructions - Revised November 2023. Instructions for administrative tasks prior to and following tours, walking routes to be taken, etc.
• Terms & Conditions -

Ends