Risk Assessment - Lifting of Locos with ground mounted jacks

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Lifting of locos

Type	Hazard Cause	Persons Affected	Control Measures	L S T Overall	Additional Control Measures	L S T Overall	Owner/Action
Health and Safety	Injury to staff or damage to vehicles, equipment or facilities Inappropriate equipment or methods used or untrained staff	Volunteers & Staff	1) CRITICAL - Engineering: The weight of the portion of the vehicle being lifted must be calculated in advance so as not to exceed the lifting equipment capacity. - Effective 2) CRITICAL - Engineering: Ensure that all cables, pipes, straps and other equipment are disconnected and secured before the lift commences. - Effective 3) CRITICAL - Engineering: Priori to the lift commencing the functionality of the emergency stop buttons should be tested. - Effective 4) CRITICAL - Engineering: The competent person must ensure that the vehicle is level before the lift commences. - Effective 5) CRITICAL - Administrative: Lift to be control by a trained and competent person - Effective 6) CRITICAL - Administrative: All jacks and associated lifting equipment to be inspected, certified and 'in-ticket'. - Effective 7) CRITICAL - Administrative: A separate Method Statement should be produced for the specific lifting activity and vehicle type. - Effective 8) CRITICAL - Administrative: A safety briefing to be held before the activity starts so that all of those involved are clear on what is being undertaken. - Effective 9) CRITICAL - Administrative: All those involved should be familiar with the item being lifted and mechanical repairs and activities. - Effective 10) CRITICAL - Administrative: Use the minimum number of staff to avoid communication errors. Usually 5. One to supervise and control the lift with one other on each jack. - Effective 11) CRITICAL - Administrative: The lift area is to be closed off to those not involved in the activity. - Effective 12) CRITICAL - Administrative: Lift to occur inside in the designated lifting areas to avoid weather and loading issues.. - Effective 13) CRITICAL - Administrative: When moving the jacks into position, a minimum of two persons must carry out the task. - Effective 14) CRITICAL - Administrative: Maintain good and clear communication to ensure all staff are clear of pinch points before the lift commences. - Effective 15) CRITICAL - Administrative: Ensure that all tripping hazards are removed from the lift area. - Effective 16) CRITICAL - Administrative: No lifts to be undertaken when shed tours or visitors are present. - Effective 17) CRITICAL - Administrative: Ensure that the jack cables are placed so a not to cause a tripping hazard. - Effective 18) CRITICAL - Administrative: All equipment involved in the lift should be visually checked before being used. - Effective 19) CRITICAL - Administrative: The control box for the jacks must always be left locked and isolated when not in use. - Effective 20) CRITICAL - Administrative: All means of access to the vehicle such as ladders, must be removed before the lift commences. - Effective 21) CRITICAL - Administrative: Nobody is allowed to be inside the vehicle when the lift is being carried out. - Effective CONTINUES ON NEXT PAGE	1 x 5 = 5 Low - Risk to be monitored to ensure it remains adequately controlled to an acceptable level.	None	1 x 5 = 5 Low - Risk to be monitored to ensure it remains adequately controlled to an acceptable level.	n/a

Type	Hazard Cause	Persons Affected	Control Measures	L S T Overall	Additional Control Measures	L S T Overall	Owner/Action
			22) CRITICAL - Administrative: No movements in or out of the shed are allowed when the lift is taking place. - Effective 23) CRITICAL - Administrative: No activities generating noise are allowed in the shed when the lift is taking place. - Effective 24) CRITICAL - PPE: Safety footwear, overalls, gloves and a hard/bump hat to be worn. - Effective				

COSHH Assessments

There are no COSHH assessments associated with this risk assessment.

Reference Documents

- Class 24 Method Statement -
- Class 26 Method Statement -
- Class 20 Method Statement -
- Class 20 Method Statement -
- Class 37 Method Statement -
- Steam Dept Method Statement -

Ends