Risk Assessment - Steam Loco Dept Youth Group Activites

Reference No: STE-45587-19
Version No: 1
Assessment Approver: Kevin Jarvis

The youth group will regularly work in the department carrying out a range of tasks. This RA addresses the risks associated with the group and should be used in conjunction with existing task RA's.

Department: Steam Loco
Date Of Assessment: 22 October 2024
Review Due Before: 05 January 2028
Lead Assessor: David Jenkins
Team: Alex Caulfied

Youth Group in Steam Dept

Type	Hazard Cause	Persons Affected	Control Measures	L S T Overall	Additional Control Measures	L S T Overall	Owner/Action
Health and Safety	Personal injury Slips, trips, falls, strains, burns, crush, manual handling, falls from height etc.	Volunteers & Staff	1) CRITICAL - Engineering: Locomotives worked on to be braked or secured in some fashion so as not to move. - Effective 2) CRITICAL - Engineering: Locomotives not to be moved whilst undergoing maintenance activities, other than for activities when movement of the loco needs to be observed. - Effective 3) CRITICAL - Engineering: No more than 3 wheelbarrows per pit to be used while emptying ash. barrows not to be overloaded and youths consulted on how much ash/weight they can safe handle. Leaders to monitor carefully to avoid overloading. - Effective 4) CRITICAL - Administrative: For pit work, no more than 6 youths to be in the pit at any one time for the purposes of instruction. This reduces to 2 whilst 'ashing out', emptying pits or carrying out any other work tasks. - Effective 5) CRITICAL - Administrative: Youths not allowed to be in the pit when hot ash is being removed from locos. - Effective 6) CRITICAL - Administrative: Hot ash to be cooled with water before youths can enter a pit and help with disposing of it - Effective 7) CRITICAL - Administrative: One leader will be allocated to be the 'Person in Charge' of the activity and to be the person responsible for vehicle movements in the area and liaising with the ground shunter to ensure that youths are well away from any shunting activity. - Effective 8) CRITICAL - Administrative: Youths to be made aware of the risks of uncovered pits and be closely supervised when in the area. - Effective 9) CRITICAL - Administrative: Youths only to work at height from a platform. - Effective 10) CRITICAL - Administrative: All activities to be supervised by a youth group volunteer and a department competent person. - Effective 11) CRITICAL - Administrative: Youths to be reminded of their own personal physical limitations and not to over stretch these. Leaders to be aware of the weight of objects and manage this. - Effective 12) CRITICAL - Administrative: Leaders to control and youths be advised of any hot surfaces. Leaders to ensure no risk of injury. - Effective 13) CRITICAL - Administrative: Leaders to be aware of and control exposure to oils and greases. - Effective 14) CRITICAL - Administrative: Leades to ensure that work areas are safe and tidy before and after activities. - Effective 15) CRITICAL - Administrative: Leaders to ensure that trip hazards are minimised and that youths are made aware of any other obstacles or protruding parts that could cause injury. - Effective 16) CRITICAL - Administrative: 'Not to be Moved' boards must be in place for all locos that youths are working on or around. - Effective 17) CRITICAL - PPE: Head protection must be worn by youths under locomotives and also at other times when there is a risk or falling objects or impact. - Effective 18) CRITICAL - PPE: Overalls, gloves and safety footwear to be worn at all times. - Effective CONTINUES ON NEXT PAGE	2 x 3 = 6 Medium - Risk to be minimised and controlled so far as is reasonably practical.	1) Engineering: Consider the use of barriers around open pits. - Effective 2) Administrative: Consider providing manual handling training to the youths. - Effective 3) PPE: Consider wearing respiratory protection in dusty environments. - Effective 4) PPE: Consider wearing eye protection. - Effective 5) PPE: Consider applying barrier cream before starting work. - Effective	2 x 3 = 6 Medium - Risk to be minimised and controlled so far as is reasonably practical.	n/a

Type	Hazard Cause	Persons Affected	Control Measures	L S T Overall	Additional Control Measures	L S T Overall	Owner/Action
			19) CRITICAL - PPE: First aid kits to be available locally. - Effective 20) CRITICAL - PPE: Noisy areas to be avoided but ear defenders to be worn if necessary. - Effective				

COSHH Assessments

There are no COSHH assessments associated with this risk assessment.

Ends