Risk Assessment - General steam loco maintenance

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Department: Steam Loco
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Steam loco maintenance activities

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: The locomotive must be braked or secured in some fashion so that it can not move. - Effective 2) CRITICAL - Engineering: The loco must not be moved when undergoing maintenance activities, other than for activities where the movement of the loco needs to be observed.. - Effective 3) CRITICAL - Administrative: All staff involved must be trained, experienced and competent. - Effective 4) CRITICAL - Administrative: All staff must have undertaken the GWSR Working at Height training. - Effective 5) CRITICAL - Administrative: Be aware of own physical limitations - Effective 6) CRITICAL - Administrative: Be aware of hot surfaces and the potential for burns. - Effective 7) CRITICAL - Administrative: Be aware of contamination by oils and greases. - Effective 8) CRITICAL - Administrative: Clean and tidy the work area before the task begins so as to remove slip and trip hazards. - Effective 9) CRITICAL - Administrative: Be aware of protruding metalwork of loco components or other equipment that could cause an impact injury. - Effective 10) CRITICAL - Administrative: A 'Not To Be Moved' board must be fitted to the loco. - Effective 11) CRITICAL - Administrative: Be aware of the weight of some locomotive parts, tools and equipment. - Effective 12) CRITICAL - Administrative: Be aware of the COSHH implications of lubricants. - Effective 13) CRITICAL - PPE: Head protection must be worn when underneath the loco or when there is a risk of items falling from above. - Effective 14) CRITICAL - PPE: Overalls and safety footwear must be worn. - Effective 15) CRITICAL - PPE: First aid kits must be available locally on both the loco and in the Goods Shed.. - Effective 16) CRITICAL - PPE: Ear defenders to be worn as appropriate e.g. when safety valves are being adjusted. - Effective	2 x 3 = 6 Medium - Risk to be minimised and controlled so far as is reasonably practical.	1) Elimination: Consider use of ear defenders or moving away from source of noise if not engaged in the activity. - Effective 2) Engineering: Consider erecting barriers around open pits. - Effective 3) Administrative: Consider Manual Handling training. - Effective 4) PPE: Consider wearing respiratory protection. - Effective 5) PPE: Consider wearing eye protection. - Effective 6) PPE: Consider wearing gloves. - Effective 7) 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

Score and Control Measure Notes.
Risk is medium due to a risk of injury from a fall.
Risk remains medium.

COSHH Assessments

The following COSHH assessments are applicable to this risk assessment:

- COSHH-43998-30 - Gasoil (Red Diesel)
- COSHH-43998-83 - Kerosene
- COSHH-43964-69 - Rocol - Anti Seize Compound (Copper Slip)
- COSHH-43963-75 - WD-40
- COSHH-45154-20 - Brasso Polish Wadding

Ends