



Gloucestershire Warwickshire Steam Railway Plc
Risk Assessment for Cleaning & Maintenance of Steam Locomotive Smokebox - Steam Loco

Risk Assessment - Cleaning & Maintenance of Steam Locomotive Smokebox

Reference No: STE-44567-65
 Version No: 3
 Assessment Approver: Kevin 'Kev' Jarvis

Department: Steam Loco
 Date Of Assessment: 06 January 2022
 Review Due Before: 22 September 2026
 Lead Assessor: Ian Grant
 Team: Mark Young & Kevin Jarvis

Working in steam loco smokebox

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 Crush, strain, slips, trips or falls, dust inhalation, confined spaces, working at height, manual handling and heat etc.	Volunteers & Staff	1) Elimination: Head bump protection shall be worn when physically entering - Effective 2) CRITICAL - Engineering: Blue access platform equipment must be used across buffers so that there is a reduced risk of falling. - Effective 3) CRITICAL - Engineering: As much work activity as possible must be carried out from outside of the smokebox to reduce the need to enter the confined space. Long handles brushes etc to be used. - Effective 4) CRITICAL - Administrative: Those undertaking the task must be trained and competent - Effective 5) CRITICAL - Administrative: Measures to protect against the hazard of working in a confined space must be in place. - Effective 6) CRITICAL - Administrative: Those undertaking the task must have completed the GWSR Working at Height training. - Effective 7) CRITICAL - Administrative: The smokebox must be allowed to cool to reduce the risk of a burn or heat exhaustion. - Effective 8) CRITICAL - Administrative: The area must first be cleaned and tidied of any items that would cause a slip or trip hazard. - Effective 9) CRITICAL - Administrative: Lone Working is not allowed - Effective 10) CRITICAL - Administrative: Workers must be aware of their own physical limitations and of the weight of the smokebox door when it is being moved. - Effective 11) CRITICAL - Administrative: If access to the smokebox is required then the full Confined Space Working arrangements must be in place. - Effective 12) CRITICAL - PPE: Safety footwear, eye protection, overalls, respiratory protection and gloves must be worn. - Effective	2 x 4 = 8 Medium - Risk to be minimised and controlled so far as is reasonably practical.	1) Administrative: Workers to be trained in working in Confined Spaces. - Effective 2) Administrative: Workers to be trained in Manual Handling techniques. - Effective 3) Administrative: The custom blue staging is to be moved by at least two persons in accordance with document STM-SMS-GUID-001 - Effective	1 x 4 = 4 Low - Risk to be monitored to ensure it remains adequately controlled to an acceptable level.	n/a

Score and Control Measure Notes.

Risk is medium.
 Risk is reduced if extra training is provided.

COSHH Assessments

There are no COSHH assessments associated with this risk assessment.
 Ends