Gloucestershire Warwickshire Steam Railway Plc
Risk Assessment for Visiting loco operation, maintenance and infrastructure impact - Steam Loco

Risk Assessment - Visiting loco operation, maintenance and infrastructure impact

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Assessment Approver: Kevin 'Kev' Jarvis

The GWSR regularly hires in locos from other railways for use on its services and at galas. This RA assesses the risks to ensure safe operation of the loco and to make sure suitable maintenance arrangements are in place. It also assesses the impact of the visiting loco on the GWSR infrastrutcure.

Department: Steam Loco
Date Of Assessment: 09 January 2024
Review Due Before: 16 April 2027
Lead Assessor: Kevin Jarvis
Team: Mike Solloway (Loco Procurement), Ian Butler (Steam Dept Safety) & Paul Fuller (Per Way)

Operating visiting locos on the GWSR

Type	Hazard Cause	Persons Affected	Control Measures	L S T Overall	Additional Control Measures	L S T Overall	Owner/Action
Health and Safety	Loco operated incorrectly leading to damage or injury Lack of awareness, training or knowledge	Volunteers & Staff	1) CRITICAL - Administrative: Loco owners to provide suitable information in advance of the loco arriving to assess and arrange training etc - Effective 2) CRITICAL - Administrative: Loco crews to be trained in advance of operating new types of loco - Effective 3) CRITICAL - Administrative: If any unfamiliarity still exists after training, a suitable competent owners representative must be present on the footplate at all times the loco is being operated - Effective 4) CRITICAL - Administrative: The GWSR Rule Book will be observed at all times. - Effective 5) CRITICAL - Administrative: Visiting owners will not be allowed to operate their on locos unless suitable supervised by GWSR staff - 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
Operations	Loco maintained incorrectly or insufficiently leading to damage Lack of awareness, training or knowledge	Volunteers & Staff	1) CRITICAL - Engineering: The loco will be weighed and axle weights recorded to ensure that it is balanced correctly - Effective 2) CRITICAL - Engineering: The loco must undergo a satisfactory steam test at the GWSR before it is used - Effective 3) CRITICAL - Administrative: Loco owners to provide suitable information regarding maintenance regimes in advance of the loco arriving - Effective 4) CRITICAL - Administrative: A copy of the most recent maintenance examination to be provided - Effective 5) CRITICAL - Administrative: The loco will undergo a GWSR fitness to run examination before being used - Effective 6) CRITICAL - Administrative: A copy of the latest boiler and safety valve insurance inspections to be provided - Effective 7) CRITICAL - Administrative: An inventory list of the tools and equipment supplied with the loco will be made - Effective 8) CRITICAL - Administrative: A list of any existing 'faults' to be provided by the owner prior to the loco being used - Effective 9) CRITICAL - Administrative: Any specialist information regarding water treatment or coal usage to be provided by the owner before the loco is used - Effective 10) CRITICAL - Administrative: A signed contract must be in place between the GWSR and the loco owner before it is delivered to the GWSR, containing any 'special' operating requirements - Effective	2 x 4 = 8 Medium - Risk to be minimised and controlled so far as is reasonably practical.	None	n n n	n/a
Operations	Loco impacts in GWSR infrastructure causing damage Loco too big, heavy or similar	Everyone	1) CRITICAL - Engineering: Loco owners to provide weight and loading information prior to contract signing - Effective 2) CRITICAL - Engineering: Loco owners to provide gauging information before contract is signed - Effective 3) CRITICAL - Engineering: Loco owners to provide axle spacing information before contract is signed - Effective 4) CRITICAL - Administrative: Per Way manager to approve loco hire prior to contract being signed if loco exceeds specification and measurements of GWSR home fleet - Effective 5) CRITICAL - Administrative: Loco to undergo an unload, slow speed, test run prior to entering service at the GWSR if there is any doubt of its potential impact on GWSR infrastructure - Effective	2 x 4 = 8 Medium - Risk to be minimised and controlled so far as is reasonably practical.	None	n n n	n/a

COSHH Assessments

There are no COSHH assessments associated with this risk assessment.

Ends