



Gloucestershire Warwickshire Steam Railway Plc
Risk Assessment for Use of 45149 outside of air tank certification period - Diesel Loco

Risk Assessment - Use of 45149 outside of air tank certification period

Reference No: DIE-45175-87

Version No: 1

Assessment Approver: Kevin 'Kev' Jarvis

This loco is due a 60 month in-service and out of service air tank inspection by BES during Sept 2023. We plan to defer this inspection, with this risk assessment, until the loco is out of traffic for winter maintenance.

Department: Diesel Loco
Date Of Assessment: 06 September 2023
Review Due Before: 06 September 2028
Lead Assessor: Andrew Durham
Team: Kev Jarvis & Tim Leverton

Use of 45149 with lapsed air tank certification

Type	Hazard Cause	Persons Affected	Control Measures	L Overall	S	T	Additional Control Measures	L Overall	S	T	Owner/Action
Health and Safety	Air tank failure Structural failure due to undiscovered defects or degradation of wall thickness.	Everyone	1) CRITICAL - Engineering: Pressure relief valves will be tested on all locos during use in Sept 2023 by a competent engineer. - Effective 2) CRITICAL - Engineering: Compressor governors will be checked for correct operation during September 2023. - Effective 3) CRITICAL - Administrative: Locos currently in service and operating with no issues. - Effective 4) CRITICAL - Administrative: A visit from BES to carry out certification will be arranged for Feb 2024. - Effective 5) CRITICAL - Administrative: Testing is not a statutory requirement. - Effective	1 x Low - Risk to be monitored to ensure it remains adequately controlled to an acceptable level.	3 = 3	3	None	1 x Low - Risk to be monitored to ensure it remains adequately controlled to an acceptable level.	3 = 3	n/a	

COSHH Assessments

There are no COSHH assessments associated with this risk assessment.

Ends