



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	3	n/a

COSHH Assessments

There are no COSHH assessments associated with this risk assessment.

Ends