Risk Assessment - Use of 47105 outside of air tank certification period

Reference No: DIE-45175-80
Version No: 1
Assessment Approver: Kevin 'Kev' Jarvis

A 'hot' live test of 47105's compressor governor and relief valve is scheduled for September 2023 by BES but this is an admin error as the inspector agreed a 60 month period which would take the due date to 2026. We plan to continue to use the loco under this risk assessment until the loco is stopped for winter maintenance in Feb 2024.

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 47105 with lapsed air tank certification

Type	Hazard Cause	Persons Affected	Control Measures	L S T Overall	Additional Control Measures	L S T Overall	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 6) CRITICAL - Administrative: All other diesel locos are on a 60 month inspection cycle and not 30 month. - Effective	1 x 3 = 3 Low - Risk to be monitored to ensure it remains adequately controlled to an acceptable level.	None	1 x 3 = 3 Low - Risk to be monitored to ensure it remains adequately controlled to an acceptable level.	n/a

COSHH Assessments

There are no COSHH assessments associated with this risk assessment.

Ends