## 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<br>Cause | Persons Affected | Control Measures | L S T Overall | Additional Control Measures | L S T Overall | Owner/Action |
|---|---|---|---|---|---|---|---|
| Health and Safety | Air tank failure<br>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<br>2) CRITICAL - Engineering: Compressor governors will be checked for correct operation during September 2023. - Effective<br>3) CRITICAL - Administrative: Locos currently in service and operating with no issues. - Effective<br>4) CRITICAL - Administrative: A visit from BES to carry out certification will be arranged for Feb 2024. - Effective<br>5) CRITICAL - Administrative: Testing is not a statutory requirement. - Effective | 1 x 3 = 3<br>Low - Risk to be monitored to ensure it remains adequately controlled to an acceptable level. | None | 1 x 3 = 3<br>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