

**WILLIAM
BRADSHAW**
MAINTENANCE OF ROAD/RAIL TRAILERS

| TRAILER: PHILMAR | | | INSPECTION TYPE: 12 MONTHLY | | |
|--------------------------------|---|----------|--------------------------------------|------------|-------------------|
| FLEET NUMBER: 109 | | | DATE INSPECTED: 06/09/22 | | |
| LOCATION: ELLSMERE PORT | | | NEXT INSPECTION DUE: 06/03/23 | | |
| NO | SCHEDULED MAINTENANCE | Pre Hire | 6 Monthly | 12 Monthly | CORRECTIVE ACTION |
| 'B' BRAKES | | | | | |
| B1 | Drain Air Tanks | | | ✓ | |
| B2 | Service & Park brake operation - test | | | ✓ | |
| B3 | Examine correct function of hose Quick Couplings | | | ✓ | |
| B4 | Grease Brake arm Pivots | | | ✓ | |
| B5 | Check Brake Blocks Wear | | | ✓ | |
| B6 | Check Brake Block Clearance on Air settings | | | ✓ | |
| B7 | Examine Air systems for leaks | | | ✓ | |
| B8 | Examine correct functioning of hydraulic pressure relief system | | | ✓ | |
| B9 | Test Park & Service Brake Efficiency both Air & Hydraulic Settings | | | ✓ | |
| B10 | Brake test (Wheel torque method) | | | ✓ | |
| B11 | Examine correct functioning of hydraulic accumulator | | | ✓ | |
| B12 | Examine that the correct hyd connection hose is fitted (1/2 Hose) with a 90 deg fitting on the Bulkhead | | | ✓ | |
| 'E' ELECTRICS | | | | | |
| E1 | Check operation of rail lights | | | ✓ | |
| E2 | Check security & integrity of electrical switchboxes | | | ✓ | |
| E3 | Check condition solar panels | | | ✓ | |
| E4 | Check battery charge condition | | | ✓ | |
| E5 | Check integrity of wiring | | | ✓ | |
| E6 | Check correct operation of circuit breaker | | | ✓ | |

Note: All Trailers have a major service every 6 Months, either a 6 or 12 Monthly type.

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|--|---|----------|-----------|------------|-------------------|
| 'R' RAIL WHEELSETS | | | | | |
| R1 | Check rail wheels | | | ✓ | |
| R2 | Examine rail wheels | | | ✓ | Complete W&D |
| R3 | Examine rail wheel profile | | | ✓ | Complete W&D |
| R4 | Check wheelset back to back | | | ✓ | Complete W&D |
| R5 | Examine Rail Wheel Bearings | | | ✓ | Complete W&D |
| R6 | Examine condition of wheelsets & swinging arms | | | ✓ | Complete W&D |
| R7 | Check Condition& adjustment of rail sweepers | | | ✓ | |
| 'S' ESSENTIALS & SAFETY EQUIPMENT | | | | | |
| S1 | Examine & Lubricate Jost Couplers | | | ✓ | |
| S2 | Check drawbar | | | ✓ | |
| S3 | Examine drawbar | | | ✓ | |
| S4 | Check presence and integrity of all Stickers | | | ✓ | |
| 'U' UNDERFRAME | | | | | |
| U1 | Check Underframe | | | ✓ | |
| U2 | Check condition and security of deck plates | | | ✓ | |
| U3 | Examine Underframe | | | ✓ | |
| U4 | Examine lifting equipment installed chains or lifting eye | | | ✓ | |

SIGNATURE OF ENGINEER:  DATE 06/09/22

NAME OF ENGINEER: B. FELL

ADDITIONAL REPAIRS:

Note: This document has been produced based upon manual reference APM048 Issue 1. All daily, shift, pre-hire, and monthly calendar tasks have been grouped together and all appear under the pre-hire column.

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