On-Track Plant Engineering Conformance Certificate

In accordance with RIS-1530-PLT – Issue 7.2
Certificate no.: 71/1245/26
Report no.: TRUK/B 25/203, (Issue 1, 23/10/2025). This report is an integral part of this Certificate.

Name of Plant Assessment Body	TÜV Rheinland UK Limited 5 Mallard Way Pride Park Derby DE24 8GX United Kingdom	**Organisation Code :**	71 *(a UKAS accredited certification body No. 8400)*

Vehicle Class / Description	912/Manitou/RR AP ART17TH/9A
Vehicle Asset Manager	Krause & Hall Ltd
Issue Date	03-07-2026
Expiry Date (if any)	20-09-2032
Vehicle Number(s)	ZZ709 912308-2
First in Class:	No
Certificate No. of First in Class:	ZZ709 912384-3 on ECC 71/1474/25, against RIS-1530-PLT Issue 7.2.

Authorised by: **Official Stamp of TRUK, CAB Rail**

e.Sig: NDC/TUV/26/0523

TÜVRheinland® Conformity Assessment Body Rail
TÜV Rheinland UK Limited

Certifier / Signatory Name **Neil Charles Principal Engineer**

Reason for Issue and Scope of Work
Previous Certificate:
Change of owner and fleet number change.

This Certificate:
Engineering Change – Installation of XW MEWP HP-MLD System. No other engineering changes.
Change of Owner & Fleet number.

Manufacturer Serial No.: 43105 Fleet No.: 105

Assessed for compliance with RIS-1530-PLT, Issue 7.2.

Deviations associated with this Certificate (if none state "NONE")
Tracker No. 29075
Description Derogation against Clause 5.3.1c) – Use 50 metre curve during calculations.

Previous Certificate No.
(if none state "NONE"): AC/0393/25

Maintenance Instruction Details
Maintenance Instruction Title: Fitzgerald Plant Services ART17 RRV MEWP Operation & Maintenance Manual
Maintenance Instruction Number: FPM0068 **Issue No.:** 3 **Date:** 22/10/2025

TÜVRheinland® Precisely Right.

Limitations of Use *(these words are mandatory where applicable)*

1. The machine shall only operate inside a possession.
2. When travelling, the machine is within W6a gauge as defined in RIS-1530-PLT.
3. When working, the MEWP basket, its elevating booms and pantograph can be out of W6a gauge depending on the slew and height settings in use.
   The maximum Tailswing gauge exceedance of 252mm occurs when the boom is positioned at right angle to the track.
4. The machine shall not on/off track, travel, or work on live conductor rail lines.
5. For on/off tracking, a site-specific plan shall be used taking account of the applicable module of Network Rail Infrastructure Plant Manual NR/L2/RMVP/0200.
6. The machine shall not be on/off tracked on:
   - Cant greater than 150mm.
   - Gradients greater than 1:25.
7. The machine is permitted to on/off track and travel under live OLE when used in conjunction with a safe system of work determined and approved by taking guidance from the requirements of GE/RT8000-HB16 and provided the boom is in the stowed position for travel (the basket floor less than 1.4m above rail level), the OLE Key switch locked, and the OLE key switch removed.
   - Minimum OLE wire height is 4.165m.
   - Except for the MEWP basket, access on to any part of the machine that is more than 1.4m above rail level is prohibited when it is under live OLE.
8. The machine shall not work under live OLE.
9. ALO working shall only be in accordance with the approved safe system of work for the possession that takes account of all gauge exceedance. The machine is fitted with a High Performance Movement Limiting Device. The machine may be used in ALO configurations where a High Performance MLD is required. The system shall be set with its functionality and reliability proven correct prior to use in accordance with XWatch user manual '**XW MEWP MLD Operating Instruction'**, Issue 1.4
10. The machine shall not work with any adjacent lines open to traffic where the distance between the centre line on which the vehicle is working and the centre line of any open line is less than 3600mm. This is to account for tailswing gauge exceedance.
11. The vehicle encroachers into the area reserved for infrastructure equipment in the lower sector. A site survey shall be undertaken to assess potential damage to infrastructure equipment prior to use.
12. The machine will not activate train operated points.
13. The machine must not be travelled on track with:
    - Cants greater than 200mm.
    - Gradients greater than 1:25.
    - Curves less than 80m.
14. The machine must not be worked on track with:
    - Cants greater than 180mm.
    - Gradients greater than 1:25.
    - Curves less than 80m.
15. Travel movements of the machine must be carried out with operator direct line-of-site or utilising the CCTV.
16. Machine side steps, not to be used in travelling or working mode (maintenance and recovery only).
17. For access/egress, the machine shall only operate with the basket adjacent to a cess or a line closed to all train movements, or the safe system of work takes account of adequate clearance to adjacent lines.
18. When in use the machine shall have a current certificate of approval, test and/or thorough examination.
19. The machine shall only be used in accordance with the manufacturer's safety and operating instructions, and the safe system of work for the possession.
20. Maximum basket payload shall not exceed 400kg (three personnel and tools). Refer to manufacturer's working envelope diagrams for additional payload requirements.
21. Machine is permitted to tow or propel 1-off approved 2-wheeled trailer with compatible coupling system.
    Maximum permitted weight of trailers and load is 520 kg.
22. The machine shall not be used in windspeeds exceeding 45 km/h (28mph) (12.5m/s)

Supplementary Information - *(Optional – minimum requirements where applicable)*

1. The machine is a mobile elevated work platform (MEWP) for use on road and rail.
2. Manufacturer Serial No. 43105 Fleet No. 105.
3. The machine operates on rail in high mode only.
4. The machine has no load carrying area, except the MEWP basket.
5. The machine may be fitted with Pantograph measuring equipment.
6. The machine is fitted with a data logger.
7. Vehicle weights:
   - Tare: 12,000kg
   - Gross: 12,550kg (inclusion of Pantograph)
8. Maximum permitted working and travelling speeds:
   - Maximum speed: 7.5mph (Travelling);
   - Maximum speed: 1mph (Working);
   - Maximum speed: 2.5mph (Towing / propelling);
   - Maximum speed: 2.5mph (Switches & Crossings);
   - Maximum speed: 2.5mph (Raised checkrails).
9. The machine is approved to carry 3 persons and tools in the MEWP basket.
10. The machine is fitted with a Network Rail approved electronic slew system that has been approved by Network Rail technical services. The system must be configured and functioning correctly to be considered as 'reliable'.
11. XWatch XW MEWP HP-MLD:
    - XW System ID: 6966
    - Software Version: 1.13.1