



On-Track Plant

Engineering Conformance Certificate

This certificate is issued in accordance with RIS-1530-PLT Issue 6

NAME OF VEHICLE ACCEPTANCE BODY

SNC-Lavalin Rail & Transit Verification Limited

ACCREDITATION CODE

21

Vehicle Class / Description 919/SRS/FL6/9A

Vehicle Owner Keltbray Rail Plant

Issue Date 24 April 2022

Expiry Date 24 April 2029

Vehicle Number(s)

99709 919005-7

First Of Class

99709 919005-7 on certificate 21/0251/22 to the requirements RIS-1530-PLT Issue 6.

Authorised by:

David Wass

SNC-Lavalin Rail & Transit Verification Limited

OFFICIAL STAMP

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**Reason for issue and Scope of Work**

Certification of upgraded Volvo Lorry RRV with SRS hydrostatic drive railgear.

Vehicle Registration No. W422EOL. Chassis No. YV2E4C4A1YB245751.

Assessed for compliance with RIS-1530-PLT Issue 6.

Expiry date conforms to the requirements of RIS-1530-PLT.

Deviations associated with this certificate

TR69752 - Certificate of Variation - Keltbray FL6 RRV -W422EOL- EN 13849-1 Braking Compliance-15-12-2021.

TR74057 - Certificate of Variation - Keltbray FL6 RRV - Rail wheel profiles - 20-04-2022.

Applicant Copy

SN0227857

Certificate Number: 21/0251/22



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Previous Certificate Number

IF/0204/15.

Maintenance Plan Details

Keltbray Vehicle Maintenance Plan for W422EOL Road Rail Vehicle LHAT/SRS/Tensor/Winch/Drum Carrier/Drilling Machine-Type 9A; KRP-MA-MAN-017; Issue 1; April 2022.

Keltbray LRB18-KLL8-2T1 User Handbook KRP-MA-MAN-016; Issue 1; 16/02/2022.

Limitations of Use

1. The RRV shall only be used in a possession.
2. The RRV shall NOT on/off track, travel or work on live conductor-rail lines (3rd or 4th rail).
3. The RRV will NOT activate train operated points.
4. In Travelling Mode the RRV is within W6a gauge when in tare or when fitted with CBS C-1385-01 Tensioner, Drum Carrier, or Keltbray Drilling Rig modules.
Note: mirrors must be folded-in and modules must be in their stowed positions.
5. In Working Mode the RRV is within W6a gauge when in tare or when fitted with CBS C-1385-01 Tensioner, or Drum Carrier modules.
Note: mirrors must be folded-in.
6. In Working Mode the RRV can exceed W6a gauge when fitted with the Keltbray Drilling Rig module. Any fitted module shall only be used in accordance with the safe system of work for the possession and inline with the module operators manual.
7. When fitted with the Keltbray Drilling Rig Module the vehicle shall also be fitted with two 1tonne ballast weights to the rear of the deck as detailed in the operators manual.
8. The vehicle shall NOT work if the adjacent line or lines are open to traffic (ALO) when fitted with the Keltbray Drilling Rig Module.
9. The RRV shall NOT travel on track with:
- cants greater than 200mm; gradients greater than 1:25; curves less than 80m.
10. The RRV shall NOT work on track with:
- cants greater than 160mm; gradients greater than 1:25; curves less than 80m.
11. When reversing, the RRV shall only proceed with the driver utilising the CCTV and/or ground staff. The maximum travelling speed shall be limited by the driver's field of view of obstructions and stop signals, but shall NOT exceed 10mph (16km/h).
12. For access/egress, the RRV shall only operate with the cab door adjacent to a cess or a line closed to all train movements, or the safe system of work takes account of adequate clearances to adjacent lines.
13. The RRV shall NOT be on/off tracked on cants greater than 150mm and/or gradients greater than 1:25. For on/off tracking the RRV, a site specific work plan shall be used. The plan shall be in compliance with the applicable Module in Network Rail Infrastructure Plant Manual NR/L2/RMVP/0200.
14. The RRV is permitted to on/off track and travel under live OLE when used in conjunction with a safe system of work determined and authorised by taking guidance from the requirements of GE/RT8024, subject to a minimum OLE wire height of 4.350m.
15. When the RRV is under live OLE, except for access to the cab operator and passenger seats, access onto any other part of the vehicle higher than 1.4m above rail level is strictly prohibited.
16. The RRV shall NOT work under live OLE.
17. The RRV is NOT permitted to tow or propel on rail.

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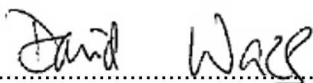
On-Track Plant

Supplementary Information

1. The RRV is a conversion of a Volvo Lorry with SRS rail gear for travel within possessions.
2. The RRV is a 'flat back' lorry that can be fitted with modules. This machine can be fitted with CBS C-1385-01 Tensioner, Drum Carrier, or Keltbray Drilling Rig modules connected with the 'twist lock' system.
3. Fitted with 2-wheel single axle at the front and a 4-wheel bogie at the rear.
Hydrostatic drive through rail wheels, independent of the road wheels.
On-rail it operates in high-ride mode only.
4. Permitted number of personnel to be carried: 3 in cab.
5. Vehicle weight:
 - Tare no module: 10tonnes;
 - Tare with Drum Carrier: 10.75tonnes;
 - Tare with CBS C-1385-01 Tensioner: 13.24tonnes;
 - Tare with Keltbray Drilling Rig: 14.39tonnes;
 - Gross: 18tonnes.
6. Maximum speeds travelling and working on rail not to exceed:-
 - 16mph (25km/h) plain line forward;
 - 10mph (15km/h) plain line in reverse;
 - 5mph (8km/h) working mode - forward and reverse;
 - 5mph (8km/h) switches and crossings;
 - 3mph (5 km/h) raised check rails;
 - 3mph (5km/h) emergency recovery.

Authorised by:

David Wass


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