

ON-TRACK PLANT

ENGINEERING CONFORMANCE CERTIFICATE

This certificate is issued in accordance with RIS-1710-PLT Issue 2.1

NAME OF CERTIFICATION BODY

AEGIS Certification Services Ltd

ACCREDITATION CODE

AC

Machine Class/Description SRS Volvo LRB18TCC with MEWP and Crane (Type 9A)

Machine Owner Keltbray Rail Plant

Issue Date 10th November 2023

Expiry Date 10th November 2030

Machine Number: **99709 917127-1**

First of Class No

Certificate Number of First of Class AC/0469/23

Authorised by:


ACS-ACL-238

B. A. Clarke
AEGIS PAB Signatory



Official Stamp



Reason for Issue and Scope of Work

Previous Certificate:

Change of owner only. No engineering change.

This certificate:

Re-assessed with the requirements of RIS-1530-PLT Issue 6.

Deviations Associated with this Certificate

Tracker Number None
Description None

Previous Certificate Number: 21/0893/19

Approved User Documentation

| ID No. | Title | Issue No. | Date |
|----------|---|-----------|----------|
| P15519MI | User Manual LRB18TCC – KLL 10 – 1T2 | D | 24/09/17 |
| P15519UI | Vehicle Maintenance Plan for SRS LRB18 TCC Road-Rail Vehicle. | C | 14/09/17 |

Machine Data

| | | | |
|--|-----------|---|-----------|
| Gross Mass | 18 000 kg | Tare mass | 16 500 kg |
| Gauge | Plant | | |
| Work equipment gauge exceedance (Crane) | 11 400 mm | Work equipment gauge exceedance (MEWP) | 6 500 mm |
| Air service brake pressure | 1.2 bar | Air park brake pressure | 8.0 bar |

Approved Values

| | | | |
|--|--------|--|-------------|
| Maximum number of people in cab | 2 | Maximum number of people in MEWP basket | 3 |
| Payload in MEWP basket | 500 kg | Maximum towed load | 26 000kg |
| Maximum number of trailers | 2 | Maximum non-service braked towed load | 0 (Zero) kg |
| Crane load lifting point SWL | 330 kg | | |

Approved Track Conditions

| | Travelling Mode | Working Mode | On/off-tracking |
|-----------------------------|------------------------|---------------------|------------------------|
| Maximum gradient | 1:25 | 1:25 | 1:25 |
| Maximum cant | 180 mm | 150 mm | 150 mm |
| Minimum curve radius | 80 m | 80 m | |

Use in Electrified Areas

| | | Travelling Mode | Working Mode | On/off-tracking |
|---|-----------------|------------------------|---------------------|------------------------|
| Overhead Line Equipment | Live | Yes | No | Yes |
| | Isolated | Yes | Yes | Yes |
| 3rd / 4th Rail | Live | No | No | No |
| | Isolated | Yes | Yes | Yes |

Approved Maximum Speeds

| | Travelling Mode | Working Mode |
|-------------------------------------|------------------------|---------------------|
| Plain Line | 20 mph | 3 mph |
| Switches and Crossings | 5 mph | 3 mph |
| Raised check and guard rails | 5 mph | 3 mph |
| Reverse | 3 mph | 3 mph |
| Towing | 10 mph | 3 mph |

Limitations of Use

1. The machine is not permitted outside of a possession.
2. Exceeds plant gauge.
3. The machine exceeds the stated gauge in working mode, see Machine Data section of this ECC. The machine may be used with adjacent lines open to traffic only if a safe system of work to be adopted has taken account of gauge exceedance.
4. When on / off tracking, access is required to off side of the machine, control of the adjacent line to that side of the machine shall be under the control of the Engineering Supervisor controlling movements of the machine.
5. Not to be used ALO on LU.
6. The machine shall not be used on track conditions in excess of those given in the Approved Track Conditions section of this ECC.
7. The maximum number of people to be transported on the machine shall not exceed the value given in the Machine Data section of this ECC.
8. The maximum payload shown in the Machine Data section of this ECC shall not be exceeded.
9. The maximum number of towed / propelled trailers shall not exceed the value given in the Machine Data section of this ECC.
10. The maximum towed / propelled load shall not exceed the value given in the Machine Data section of this ECC.
11. The machine shall not exceed any speeds given in the Approved Maximum Speeds section of this ECC.
12. Ground staff shall control reverse movements.
13. The machine is suitable for On/off-tracking and traveling under live OLE when used in conjunction with a safe system of work.

14. The machine shall not work under live OLE.
15. The machine shall not be on and off tracked under live OLE at a contact wire height of less than 4405 mm.
16. The machine shall not travel on live conductor rail lines.
17. The machine shall not work on live conductor rail lines.
18. The machine shall not be used predominantly in enclosed locations.
19. Lifts shall not exceed any SWL given in the approved values section of this ECC.

Supplementary Information

1. The machine's re-approval for seven years was assessed against RIS-1530-PLT issue 6.
2. The machine is a Volvo lorry MEWP road rail conversion by SRS.
3. The machine is fitted with:
 - SRS KLL-1T2 MEWP.
 - 500kg capacity basket (including 3 persons and tools).
 - Palfinger PK5001 Crane with wireless control.
4. The machine is fitted with a High-Performance Movement Limiting Device.

| | |
|-------------------|-------------------|
| Serial Number | P15535 |
| Chassis number | YV2V0Y1A8HZ114253 |
| Road Registration | DK18 EHF |