

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 917129-7**

First of Class No

Certificate Number of First of Class AC/0469/23

Authorised by:



ACS-ACL-244

B. A. Clarke
AEGIS PAB Signatory



10221

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: 21/0884/19

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	P15537
Chassis number	YV2V0Y1A2HZ114879
Road Registration	DK67 ECF