



## 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** 912/Basket/MEWP/RR14 EVO-2-400/9A

**Vehicle Owner** Electrification Construction Services Ltd

**Issue Date** 28 August 2020

**Expiry Date** 01 December 2024

**Vehicle Number(s)**

99709 912405-6

**First Of Class**

99709 912311-6 on Engineering Conformance Certificate 21/0358/17 against RIS-1530-PLT, Issue 6.

**Authorised by:**

David Wass

SNC-Lavalin Rail & Transit Verification Limited

**OFFICIAL STAMP**

**SNC • LAVALIN**

**Reason for issue and Scope of Work**

Certification of Basket RR14 EVO-2/400 Road Rail MEWP.

Serial No. PB10196. Fleet No. ECS006.

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

On this certificate: Change of Owner, Addition of Limitation of Use 19 and Supplementary Information Item No 3. Correction of Supplementary Information 8. Update to Limitations of Use item 3 and update to Supplementary Information items 1 and 4. No other engineering change.

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

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T39325

**Certificate Number:** 21/0521/20

Page 1 of 3



# On-Track Plant

## Deviations associated with this certificate

None.

## Previous Certificate Number

21/1044/17.

## Maintenance Plan Details

Promax RR14 EVO - Operating & Maintenance Manual PAMP010RR, Rev 8, March 2017.

Platform Basket - Reference and use and maintenance manual, (Owner's Manual) RR14EVO 2-400. Code: 4528570800a. Version 03/2017.

Promax Operating & Maintenance Manual PAOM010PP, Version 2, 13/09/2016.

## Limitations of Use

1. The RRV shall only operate inside a possession.
2. When travelling, the vehicle is within W6a gauge as 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 gauge exceedance occurs when the boom is positioned at right angle to the track, from 92mm on level track increasing to 320mm on 200mm cant.
4. Vehicle 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 vehicle shall not be on/off tracked on cants greater than 150mm and/or gradients greater than 1:25.
7. The vehicle is permitted to on/off track and travel under live OLE when used in conjunction with a safe system of work determined and authorised in accordance with the requirements of GE/RT8024; and provided the boom is in the stowed position for travel (the basket floor less than 1.4m above rail level), the hydraulic interlock valve is activated and the OLE key switch removed.  
Minimum OLE wire height 4.165m.  
Except for the MEWP basket, access onto any part of the vehicle that is more than 1.4m above rail level is prohibited when it is under live OLE.
8. The vehicle shall only be permitted to work Any Line Open (ALO) with the slew limiting device mechanical pins secured by padlock, before work commences.  
The system shall be set and its functionality and reliability proven correct prior to use.
9. The slew limiting system can only limit the slew over one side of the vehicle at any time.  
The vehicle is not permitted to work with both sides of the vehicle adjacent to open lines.  
ALO working shall only be in accordance with the approved safe system of work (SSoW) for the possession that takes account of all gauge exceedance.
10. The vehicle will not activate train operated points.
11. The vehicle must not be travelled or worked on track with:  
- Cants greater than 200mm; gradients greater than 1:16 and/or curves less than 40m.
12. Reverse movements of the vehicle shall be controlled by ground staff.
13. Vehicle side steps, not to be used in travelling or working mode (maintenance and recovery only).

**Applicant Copy**

**Certificate Number: 21/0521/20**

**T39325**

Page 2 of 3

## On-Track Plant

14. For access/egress, the vehicle 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.
15. The vehicle shall NOT work under live OLE.
16. When in use the MEWP shall have a current certificate of approval, test and/or thorough examination.
17. The MEWP shall only be used in accordance with the manufacturer's safety and operating instructions, and the safe system of work for the possession.  
Maximum basket payload shall not exceed 400kg, (three personnel and tools). Refer to manufacturer's working envelope diagrams for additional payload requirements.
18. Vehicle is permitted to tow or propel 2-off approved 2-wheeled trailer with compatible coupling system. Maximum permitted weight of trailers and load is 2.5 tonne.
19. Vehicle is permitted to tow another RR14 EVO-2 for emergency recovery only, using the emergency towbar provided, in accordance with a suitable and sufficient Safe System of Work.

### ADDITIONAL LIMITATIONS OF USE ON A 1:25 TO 1:16 GRADIENT

When travelling and working on infrastructure between 1:25 and 1:16 gradient the following limitations shall apply:-

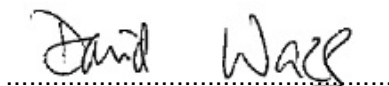
1. Maximum travelling speed 3mph (5km/h) [tortoise mode].
2. The vehicle is NOT permitted to tow/propel trailers.

### Supplementary Information

1. Vehicle is a rail conversion of road based mobile elevating work platform (MEWP), fitted with a measuring pantograph.
2. It operates on rail in high mode only.
3. The vehicle is approved for use with the Promax Carry Deck. Maximum Payload: 500kg of tools and equipment only (no persons are permitted to travel on the Carry Deck).
4. It has no load carrying area, except the MEWP basket and Carry Deck.
5. Vehicle is fitted with a data logger.
6. Vehicle Serial No. PB10196. Fleet No. ECS006.
7. Gross vehicle weight: 12.9tonnes.
8. Maximum permitted speed:-
  - > Travelling 8mph;
  - > Working 1mph;
  - > Switches and crossings 5mph;
  - > Raised check/guard rails 3mph;
  - > Towing/propelling 8mph;
  - > Emergency recovery 3mph.
9. The vehicle is approved to carry 3 persons and tools in the MEWP basket.
10. The vehicle is fitted with a mechanical slew limiting device which has been approved as High Performance, against RIS-1530-PLT Issue 6.

Authorised by:

David Wass



Applicant Copy

Certificate Number: 21/0521/20

T39325

Page 3 of 3