



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/Stobart/Ballast Undercutter/9A

Vehicle Owner

Stobart Rail

Issue Date

23 August, 2018

Expiry Date

23 August, 2025

Vehicle Number(s)

99709_919098-2

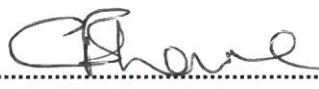
First Of Class

99709 919098-2 on certificate 21/0460/18 against RIS-1530-PLT issue 6.

Authorised by:

Bryan Lowe

SNC-Lavalin Rail & Transit Verification Limited



OFFICIAL STAMP



SNC · LAVALIN

Reason for issue and Scope of Work

Certification of new Mk3 Ballast Undercutter Road Rail Vehicle.

Serial No. 190510. Stobart Rail Fleet No. W184.

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

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

Deviations associated with this certificate

None

Previous Certificate Number

No previous Engineering Conformance Certificate against RIS-1530-PLT Issue 6.

Customer Copy

Certificate Number: 21/0460/18



On-Track Plant

Maintenance Plan Details

Stobart Maintenance Manual STOB/MP/104/V1; Issue 1; Dated 13/08/2018.

Stobart Operations Manual STOB/OM/104/V1; Issue 1; Dated 13/08/2018.

Limitations of Use

1. The RRV shall only operate inside possessions.
2. Travelling mode: The RRV is compliant with the W6a gauge but exceeds Plant gauge as follows:
 - > through the top of gauge vertically by 46mm and laterally by 700mm either side of gauge centre line.
 - > into the lower part of the gauge the rubber tracks by 49mm downwards in the permitted exceedance.All extendable components of the digging wheel/undercutter/conveyor system/cab steps shall be locked into their travelling position.
3. Working mode: The RRV can exceed the Plant gauge, to a maximum of:-
 - > conveyor 2,570mm laterally and a height vertically above rail level 5,351mm;
 - > digging wheel 876mm laterally and depth vertically below rail level 1,018mm.
4. The RRV may on/off track or work if adjacent lines are open to traffic in accordance with the safe system of work has taken account of gauge exceedance and provided the ALO lock is securely in place.
5. It shall NOT on/off track, travel or work on live conductor-rail lines.
6. It shall NOT on/off track or work on live OLE lines.
7. It may 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, and provided all extendable components of the digging wheel/undercutter/conveyor system are locked into their travelling position. Minimum OLE wire height of 4,400mm.
8. Other than for the cab, access is NOT permitted onto any surfaces higher than 1.4m above rail when the RRV is under live OLE.
9. For access/egress, the RRV shall only operate 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. The cab access steps, at the rear, shall be raised/locked into their travel position when not in use.
10. On/off tracking, Travelling and Working Modes. The RRV may be used on track that does NOT exceed: Maximum track cant 150mm, gradient not steeper than 1:25 and/or curves less than 80m.
11. When operating the CCTV System must be in use. If the operator does not have a clear view of the track and signals then movements must be controlled by ground staff.
12. For on/off tracking, a site-specific plan shall be used in compliance with the applicable module of Network Rail Infrastructure Plant Manual NR/L2/RMVP/0200. The RRV must only be slewed when using its tracks and ensuring limitations identified in the Stobart Operations Manual are followed.
13. For recovery refer to Stobart RRV Ballast Undercutter, Operating Instructions STOB/OM/104/V1. Maximum speed 3mph (5km/h) to avoid damage to the RRV.
14. It is permitted to tow/propel non-service braked Stobart Ballast Distribution Unit maximum 6tonnes GVW.
15. It is permitted to tow/propel service braked rail trailers not exceeding 24tonnes GVW.

Supplementary Information

1. The vehicle is a tracked RRV ballast undercutter with trench digging wheel and conveyor.
2. RRV Serial No. 190510; Stobart Rail Fleet No. W184.
3. Permitted number of personnel to be carried: 2 in cab. It has no load carrying area.
4. Gross vehicle weight 24,100kg.
5. Permitted speed -
 - > Maximum - 12mph (24km/h);
 - > Switches & Crossings and Raised Check Rails - 3mph (5km/h).

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