



# 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

908/Stobart/Ballast Undercutter/RMMM

Vehicle Owner

Stobart Rail

Issue Date

12 June, 2017

Expiry Date

23 December, 2020

Vehicle Number(s)

99709\_908013-4

First Of Class

99709\_908013-4 : IF/1102/13.

Authorised by:

Bryan Lowe

*SNC-Lavalin Rail & Transit Verification Limited*

OFFICIAL STAMP



SNC-LAVALIN

Reason for issue and Scope of Work

Certification of Rail Mounted Maintenance Machine. Serial No. 478247. Stobart Rail Fleet No. W175.

Originally assessed for compliance with RIS-1530-PLT Issue 4.

On this Certificate: Amendment to Limitation of Use 5 to permit use in isolated conductor rail areas. No engineering change.

Expiry date conforms to the requirements of RIS-1530-PLT, Issue 6.

Deviations associated with this certificate

None

Previous Certificate Number

Previous certificate: IF/0026/15.

Additional Copy

Certificate Number: 21/0488/17



# On-Track Plant

## Maintenance Plan Details

Stobart Rail RMMM Ballast Undercutter; Rail Maintenance Plan STOB/021; Issue 1; November 2013.

Stobart Rail RMMM Ballast Undercutter; Pre-start and Routine Maintenance Check Sheets.

## Limitations of Use

1. The RMMM shall only operate inside possessions.
2. Travelling mode: The RMMM is within W6a gauge and exception as RIS-1530-PLT. All extendable components of the undercutter/conveyor system/cab steps shall be locked into their travelling position.
3. Working mode: The RMMM can exceed the W6a gauge, laterally to a maximum of:-
  - > conveyor 4.99m / minimum underside height above rail 1.695m.;
  - > digging wheel 835mm;
  - > safety trip-wire 1.2m.
4. It shall NOT on/off track or work if adjacent lines are open to traffic unless the safe system of work has taken account of gauge exceedance.
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 account of the requirements of GE/RT8024, and provided all extendable components of the undercutter/conveyor system are locked into their travelling position. Minimum OLE wire height of 4.165m.
8. Other than for the cab, access is NOT permitted onto any surfaces higher than 1.4m above rail when the RMMM is under live OLE.
9. For access/egress, the RMMM 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. It shall NOT work until the siren and safety wire trip systems have been proved functional.
11. Travelling and Working Modes. The RMMM may be used on track that does not exceed:
  - Maximum track cant 150mm and/or gradient not steeper than 1:25.
11. When operating in reverse (conveyor trailing) the CCTV System must be in use. If the operator does not have a clear view of the track and signals then reverse 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/PLANT/0200.
  - The maximum lateral gauge exceedance when using the turntable is 4.99m for both the conveyor and the cab tail swing.
  - Maximum track cant 50mm and/or level track.
13. For recovery refer to Stobart RMMM Ballast Undercutter, Operating Instructions STOB/021/OI.
  - Maximum speed 3mph (5km/h) to avoid damage to the RMMM.
14. It is NOT permitted to tow or propel other rail vehicles.

## Supplementary Information

1. The vehicle is a 4-wheeled RMMM ballast undercutter with trench digging wheel and conveyor.
2. RMMM Serial No. 478247; Stobart Rail Fleet No. W175.
3. Permitted number of personnel to be carried: 2 in cab. It has no load carrying area.
4. Gross vehicle weight 18500kg.
5. Supplied with turntable to permit turning of the RMMM whilst on rail - its use shall be in accordance with the site specific safe system of work, taking account of clearances to adjacent lines and infrastructure.
6. Permitted speed -
  - > Maximum - 12mph (24km/h);
  - > Switches & Crossings and Raised Check Rails - 3mph (5km/h).

Additional Copy

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