



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

009/Aquarius/LTE/0D

Vehicle Owner

Aquarius Railroad Technologies Ltd

Issue Date

18 October, 2019

Expiry Date

18 October, 2026

Vehicle Number(s)

99709_009397-9

First Of Class

99709_009341-7 on certificate 21/0849/17 against RIS-1530-PLT Issue 6.

Authorised by:

Alex McCristal

SNC-Lavalin Rail & Transit Verification Limited



OFFICIAL STAMP



SNC · LAVALIN

Reason for issue and Scope of Work

Certification of new 2-wheel rail trailer.

Serial number AQ/LTE021.

Assessed for compliance to 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.

Customer Copy

Certificate Number: 21/0805/19



On-Track Plant

Maintenance Plan Details

Aquarius Load Tray Extension Operators Manual AQ0601Z, Issue 2. Dated Sept 2017.

Aquarius Load Tray Extension Maintenance Manual AQ0602Z, Issue 2. Dated 05 Sept 2017.

Limitations of Use

1. It shall only operate inside possessions.
2. In travelling and working modes, the trailer is within Plant gauge, as defined by RIS-1530-PLT.
3. Trailer shall not on/off track or work on live conductor rail lines.
4. Trailer may on/off track, travel and work under live OLE in conjunction with a safe system of work as determined and authorised by taking guidance from the requirements of GE/RT8024.
5. If adjacent lines are open to traffic, it shall only be used if a safe system of work has been adopted and taken into account of gauge exceedance.
6. Trailer may not activate train operated points.
7. Trailer shall not travel or work on track with:
 - Cants greater than 200mm, gradients greater than 1:25 and/or curves less than 80m.
8. The trailer cannot be on/off tracked in laden condition.
9. 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.
10. In travelling and working mode the trailer shall be the subject to limitations of the towing vehicle.
11. Trailer shall only be coupled to an RRV approved for towing this type of trailer.
It shall NOT be disconnected from the RRV when on track.
12. Trailer rated capacity of 550kg with payload (490kg) evenly distributed shall not be exceeded.

Supplementary Information

1. Two-wheeled rail trailer (with separate drawbar) to work with compatible RRV.
2. Serial No. AQ/LTE021.
3. The trailer is NOT fitted with brakes.
4. Gross weight: 550kg.
5. Tare weight: 60kg.
6. Maximum speeds (travel and working) not to exceed:
 - 10mph plain line.
 - 5mph switches and crossings.
 - 1mph raised check/guard rails.
7. Trailer can be manually lifted from the track in an emergency.
8. It is not a conventional rail trailer or attachment and therefore does not need to comply with COP14.