



# On-Track Plant Engineering Conformance Certificate

This certificate is issued in accordance with RIS-1530-PLT Issue 6

<b>NAME OF VEHICLE ACCEPTANCE BODY</b>	<b>ACCREDITATION CODE</b>
<i>SNC-Lavalin Rail &amp; Transit Verification Limited</i>	<b>21</b>
<b><u>Vehicle Class / Description</u></b>	011/Aquarius/ULT/0A
<b><u>Vehicle Owner</u></b>	Aquarius Railroad Technologies Ltd
<b><u>Issue Date</u></b>	10 March, 2017
<b><u>Expiry Date</u></b>	18 May, 2023

**Vehicle Number(s)**  
99709\_011715-8

**First Of Class**  
99709 011716-6 on Engineering Acceptance Certificate IF/0004/16 against RIS-1530-PLT, Issue 5.

**Authorised by:**  
Adrian Staples .....  
*SNC-Lavalin Rail & Transit Verification Limited*



**Reason for issue and Scope of Work**

Certification of Aquarius 1.5m, 4-wheel Rail Trailer.

Network Rail ID	Serial No.
99709 011715-8	AQ ULT 008

On this certificate: Amendment to air park and service brake maximum pressure.  
Additionally Maintenance plan reference changed to reflect latest revision.  
Originally assessed for compliance with RIS-1530-PLT, Issue 5.

Expiry date conforms the requirements of RIS-1530-PLT, Issue 5.

**Deviations associated with this certificate**  
None

**Previous Certificate Number**  
IF/0309/16.

**Customer Copy** **Certificate Number: 21/0265/17**



# On-Track Plant

## Maintenance Plan Details

Maintenance Plan for Aquarius ULT Trailer, AQ0098Z, Issue 4, 16/02/2017.

## Limitations of Use

1. Trailer shall only be operated inside possessions
2. In travelling and working modes, the trailer is within W6a gauge, as defined by RIS-1530-PLT.
3. Trailer shall not on/off track or work on live conductor rails.
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. Trailer may not activate train operated points.
6. Trailer shall not travel or work on track with:
  - cants greater than 200mm; gradients greater than 1:25; and/or curves less than 80m.
7. Trailer cannot be on/off tracked in laden condition.
8. For on/off tracking, a site specific plan shall be used taking account of the applicable Module of Network Rail Infrastructure Plant Manual NR/PLANT/0200.
9. In travelling and working mode the trailer shall be subject to the limitations of the towing vehicle.
10. Trailer payload of 933 kg shall not be exceeded.
11. Trailer shall only be coupled to RRV's which are certified for towing or propelling this type of trailer.
12. Trailer shall not be used to carry personnel.

## Supplementary Information

1. Aquarius 4-wheel rail trailer with 1.5m bed to work with compatible RRV.
2. Serial No. AQ ULT 008
3. Fitted with air spring-operated emergency/park brakes and air operated service brakes.
4. Air park/service brake release pressure not to exceed 8 bar.
5. Gross weight: 1,000 kg.
6. Maximum payload: 933 kg.
7. Tare weight: 67 kg.
8. Maximum speeds (travel and working) not to be exceeded:
  - 20mph plain line
  - 5mph switches and crossings
  - 1mph raised check/guard rails.

Customer Copy

Certificate Number: 21/0265/17