



*Interfleet*

Member of the SNC-LAVALIN Group

## CERTIFICATE OF ENGINEERING ACCEPTANCE

This certificate is issued in accordance with RIS-1530-PLT Issue 4

**NAME OF VEHICLE ACCEPTANCE BODY**

*Interfleet Technology Ltd*

**ACCREDITATION CODE**

**IF**

Vehicle Class / Description

071/Aquarius/R2R Plant Trailer/0C

Vehicle Owner

Aquarius Railroad Technologies Ltd

Issue Date

2 September, 2014

Expiry Date

1 May, 2021

Vehicle Number(s)

99709\_071002-8

First Of Class

99709 071002-8 on Engineering Acceptance Certificate IF/0275/14 against RIS-1530-PLT, Issue 4.

**Authorised by:**

Bryan Lowe  
*Interfleet Technology Ltd*

**OFFICIAL STAMP**

Reason for issue and Scope of Work

Certification of Aquarius Road to Rail (R2R) Plant Trailer

Network Rail ID      Serial No.  
99709 071002-8      AQU10416611

On this certificate:  
Modification to Vehicle class and reference to up-issued Operation and Maintenance Plans.

Assessed for compliance with RIS-1530-PLT Issue 4.

Expiry date conforms the requirements of RIS-1530-PLT Issue 4.

Deviations associated with this certificate

None

Customer Copy

Certificate Number: IF/0471/14

**Previous Certificate Number**

IF/0275/14 : 99709\_071002-8.

**Maintenance Plan Details**

Aquarius R2R Plant Trailer Operations & Driving Manual; Issue 1; Revision A; 28/08/2014.

Aquarius R2R Plant Trailer Maintenance Manual; Issue 1; Revision A; 28/08/2014.

**Limitations of Use**

1. Trailer shall only operate inside possessions.
2. In travelling and working modes, the trailer is within W6a gauge, as defined by RIS-1530-PLT.
3. 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.
4. Trailer shall not on/off track or work on live conductor rails.
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;
  - Curves less than 80m.
7. For on/off tracking, a site specific plan shall be used taking into account of the applicable module of Network Rail Infrastructure Plant Manual NR/PLANT/0200.
8. In travelling and working mode the trailer shall be subject to the limitations of the towing vehicle.
9. Trailer shall only be coupled to an RRV approved for towing this type of trailer.
10. Trailer payload of 2,700kg shall not be exceeded.

**Supplementary Information**

1. Aquarius 2-wheel R2R Plant Trailer to work with compatible RRV.
2. Serial No- AQU10416611
3. Fitted with air spring -operated emergency/park brakes and air operated service brakes.
4. A CCTV camera is fitted to the rear of the trailer.
5. Air parking brake release pressure 5.2 - 8 bar; service brake pressure 0 - 8 bar.
6. Gross trailer weight: 3,500kg.
7. Trailer payload: 2,700kg.
8. Tare weight: 800kg.
9. Maximum speeds (travel and working) shall not be exceeded:
  - 10mph plain line;
  - 5mph switches and crossings;
  - 1mph raised check/guard rails.