



On-Track Plant Engineering Conformance Certificate

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

NAME OF PLANT ACCEPTANCE BODY

SNC-Lavalin Rail & Transit Verification Limited

ACCREDITATION CODE

21

Vehicle Class / Description

975/Aquarius/Kawasaki Mule/9C

Vehicle Owner

Network Rail Infrastructure Ltd

Issue Date

5 September, 2016

Expiry Date

11 April, 2021

Vehicle Number(s)

99709_975116-3

First Of Class

99709 975116-3 on Engineering Acceptance Certificate IF/0221/14 against RIS-1530-PLT, Issue 4.

Authorised by:

Bryan Lowe

SNC-Lavalin Rail & Transit Verification Limited

OFFICIAL STAMP



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Reason for issue and Scope of Work

Certification of Kawasaki Mule RRV.
Chassis number JKIAF950GGB602258, registration YH63 LGY.
Assessed for compliance with RIS-1530-PLT, Issue 4.
On this certificate: Additional Limitation of Use 5. No engineering change.
Expiry date conforms to the requirements of RIS-1530-PLT, Issue 4.

Deviations associated with this certificate

None

Previous Certificate Number

IF/0221/14.

Maintenance Plan Details

AQUARIUS RAILROAD TECHNOLOGIES Mule Maintenance Manual, AQ/MP/001, Issue 1 Rev 2, 14/03/2014.

Customer Copy

Certificate Number: 21/1351/16



On-Track Plant

Limitations of Use

1. The vehicle shall only operate inside possessions.
2. When travelling, the RRV is within W6a gauge and exception for road wheels as RIS-1530-PLT Issue 4.
3. The vehicle is not permitted to on/off track, travel or work on live conductor rail lines.
4. The vehicle shall not on/off track if adjacent lines are open to traffic.
5. If adjacent lines are open to traffic, the RRV shall only be used in accordance with the Method Statement for the possession and only if the safe system of work (SSoW) to be adopted has taken account of access and egress.
Access doors adjacent to open live lines shall be locked out of use or safety chains used.
6. The vehicle will not activate train operated points.
7. Vehicle shall not travel or work on:
 - Track cants greater than 180mm.
 - Track gradients greater than 1:25.
 - Curve less than 80m.
8. When operating in reverse, before moving, the driver shall ensure that he has adequate visibility of the track to the rear, otherwise the reverse movements shall be controlled by an assistant in the rear compartment and/or ground staff.
9. Vehicle shall not on/off track on:
 - Track cants greater than 100mm.
 - Track gradients greater than 1:25.
10. For on/off tracking, a site specific work plan shall be used taking account of the requirements in Network Rail Standard NR/PLANT/0200.
11. The vehicle is suitable for use under live OLE (on/off track / travel / work) when used in conjunction with a safe system of work determined and authorised by taking guidance from the requirements of GE/RT8024.
12. Vehicle shall NOT travel over raised check rails.
13. All equipment must be stowed in its transit position during on/off tracking or travel.
14. Vehicle is permitted to tow or propel:-
 - Up to 3 Aquarius Ultra Light (ULT) 1,000kg (GLW) trailers.
 - Maximum towed and/or propelled weight 3,000kg.

Note- The maximum towed and/or propelled weight may have to be reduced where the railhead conditions for adhesion and/or ruling gradient may affect the safe traction performance of the RRV.

Supplementary Information

1. Vehicle is an Aquarius Kawasaki Mule RRV.
2. Chassis number JKIAF950GGB602258, registration YH63 LGY.
3. Vehicle operates in low ride only.
4. Tare weight- 1,000kg.
5. Maximum payload of 500kg shall not be exceeded permitting up to 4 persons (80kg/person) in the cab and/or equipment in the rear.
6. Maximum speeds (travel and working) on rail not to exceed:
 - > 20mph plain line;
 - > 5mph switches and crossings;
 - > 10mph towing/propelling;
 - > 10mph reversing only when driver has unrestricted view to the rear of the vehicle, otherwise 3mph.
 - > 5mph emergency recovery.