

CERTIFICATE OF ENGINEERING ACCEPTANCE

This certificate formally records that the following vehicle(s) conform to the appropriate requirements as set out in RIS-1530-PLT.

NAME OF VEHICLE ACCEPTANCE BODY

Interfleet Technology Ltd

ACCREDITATION CODE

IF

Vehicle Class / Type

Road Rail Vehicle Rexquote Case 988 SP2M

Vehicle Operator

Ready Power Engineering Ltd

Vehicle Owner

Ready Power Engineering Ltd

Authorised by:



Bryan Lowe

Interfleet Technology Ltd

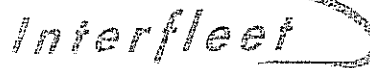
Issue Date

27 January, 2010

Expiry Date

6 October, 2013

(Where applicable due to a special limitation)



Technology

OFFICIAL STAMP

Vehicle Number(s)

99709_940111-6

Special Limitations

A CONFIGURATION

1. Vehicle is rail-conversion of wheeled excavator with adjustable boom and dipper.
2. It operates on-rail in high-mode only. It has no load carrying capability.
3. Number of persons permitted to be carried: 1 in cab.
4. It may work with a range of attachments through the dipper link pins or quick hitch, see E.
5. Fitted with external emergency traction/brake control for use with Rexquote Personnel Transporter PT1.

B ON & OFF TRACKING AND EMERGENCY RECOVERY

1. Detailed in the Rexquote Manual.
For on and off tracking a RRAP or temporary crossing must be used, maximum track cant 50mm.
2. Alternatively to B1, a risk assessed procedure may be used that is specific to the possession.
3. In recovery, speed must be limited to 5mph to avoid damage to the RRV.

C GAUGE

1. When travelling, RRV is within W6 gauge and exception for road wheels as GM/RT1300.
When travelling, mirrors must be folded in.
2. When working, the counterweight, boom, dipper and attachments can be out of gauge, dependent on the Prolec Rated Capacity Indicator (RCI)/slew settings in use.

D LIMITATIONS OF USE

1. It shall only operate inside possessions.
2. It shall NOT on/off track or work, if adjacent lines are open to traffic.
3. It shall NOT on/off-track, travel or work on live conductor-rail lines.

Customer Copy

Certificate No: IF/0096/10

4. It shall NOT on/off-track, or work under live OLE.
5. It may on/off-track at a level crossing or travel under live OLE, in conjunction with a safe system of work as determined and authorised in accordance with the requirements of GE/RT8024, and provided the boom/dipper is in the travel position. OLE minimum wire height 4.165m.
6. For access/egress, the RRV shall only operate with the door to the cab adjacent to a cess or a line closed to all train movements, or the Method Statement safe system of work to be adopted takes account of adequate safe clearances to adjacent lines.
7. Permitted speed - Maximum - 20mph (32km/h);
 Switches & Crossings - 5mph (8km/h);
 Towing/Propelling - 10mph (16km/h).
8. Travelling Mode.
The RRV may travel on track that does not exceed:
 - . cant 200mm;
 - . gradient 1:30.
9. Working Mode.
The RRV shall not work on track that exceeds any combination of:
 - . cant 150mm;
 - . twist 1/150 over the RRV wheelbase (29mm twist);
 - . gradient 1:30.
10. Limitation to ensure stability:
Controlled by Prolec RCI which shall be active when the RRV is in use - See Duty Charts.
RRV shall only be operated with quick hitch in position and/or load on boom.
Movement of boom towards backward stability limit shall be at moderate/low speed.
11. Prolec RCI shall be in operation when RRV is working, except as Limitation E1.
Permitted to lift and carry through 360 degrees operation.
12. It is permitted to tow and/or propel trailers with compatible parking brake and coupling system.
Maximum un-braked towed/propelled weight is 23 tonnes.
Hydraulic supply pressure for trailer park brake release is 60 bar.

E ATTACHMENTS

- The RRV may work with attachments. Their use in modes E1 or E2 shall comply with the following, as applicable:
- . Where specified, and including all lifting accessories, the attachment shall have a current certificate of approval, test and/or thorough examination.
 - . The attachment shall only be used in accordance with the manufacturer's safety and operating instructions, and the safe system of work for the possession.
 - . Use of the attachment shall not involve exceeding the vehicle's rated capacity for lifting. Before switching OFF the RCI, the attachment and its contents (e.g. bucket full of ballast) shall be moved through the planned range of movements to confirm that the working mode is within the vehicle's lifting capacity.
 - . Except for the quick hitch, the attachment should not be connected to the vehicle during on or off tracking, unless safe to do so.
 - . The attachment shall be maintained in accordance with the manufacturer's and/or other approved instructions.
- E1. The Prolec RCI may be switched OFF, typically digging mode including:
- . General purpose earth moving buckets.
 - . Ballast profiling bucket.
 - . Earth moving clamshell grab.
 - . Flail cutting head.
- NOTE: Caution must be exercised with this type of attachment as its use may adversely affect the stability of the RRV when it is working.
- E2. The Prolec RCI shall be switched ON, lifting mode:
- . Lifting accessories (LOLER Regulations).
 - . An attachment that is mechanically fixed to and/or powered from the RRV.
- Any such attachment and its use shall only be with the approval of the infrastructure controller, see GM/RT1300 Issue 4 Clause C2.

Referenced Certificates

This Certificate of Engineering Acceptance has been issued in accordance with GM/RT2000 Issue 2, on the basis of the following Certificates of Conformance and previous Certificates of Engineering Acceptance.

Supporting Certificates

Vehicle Design

Vehicle Construction

Vehicle Maintenance

IF/MP/0056/10

Superseded Certificates

Engineering Acceptance

Reasons for non inclusion of a Certificate of Conformance or a Certificate of Engineering Acceptance:-
Vehicle Design and Construction Certificates not applicable.

RGS Catalogue

The Mandatory Requirements and scope of work against which conformance has been confirmed:
Railway Group Standard Catalogue number GA/RM6501 Issue 6 December 2009

Vehicle Data

Route Availability No:	(Laden)	No Change	(Tare)	No Change
Maximum Speed (mph):	(Laden)	20	(Tare)	20
Applicable Gauge or Portfolio Reference :	W6 as GM/RT1300			
Minimum Curve Radius:	80m			
Applicable Braking Curve(s):	Road/Rail Vehicles GM/RT1300 Issue 4 Clause D12.2			

Mandatory Data for Inclusion in RSL

NONE

Scope of Work

Certification of Road-Rail Vehicle.
Serial No. CGG0232094. Rexquote No. 1456. Ready Power Fleet No. No FR614.

Previously re-assessed for compliance with GM/RT1300 Issue 4.

Modification to fit rail axle interlocks to ensure that only one rail axle can be operated at a time, to comply with Network Rail letter 30 January 2009 and TN39 for Type 9B RRVs.
Assessed for compliance with RIS-1530-PLT, Issue 1.

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

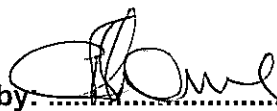
Network Rail Deviation NR/06/1530/007/DGN applied to superseded certificate IF/0991/06.

Previous Certificate - Vehicle Allocations

Superseded certificate: IF/0991/06 - Rexquote 1456

Customer Copy

Bryan Lowe

Authorised by: 

Certificate No: IF/0096/10



**CERTIFICATE OF CONFORMANCE FOR
VEHICLE MAINTENANCE**

This certificate formally records that the following vehicle(s) conform to the appropriate requirements as set out in
RIS-1530-PLT.

NAME OF CERTIFICATION BODY

Interfleet Technology Ltd

ACCREDITATION CODE

IF

Vehicle Type / Class Road Rail Vehicle Rexquote Case 988 SP2M

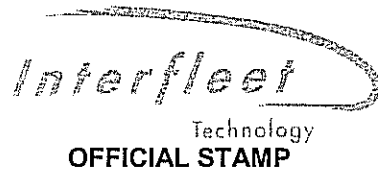
Vehicle Operator Ready Power Engineering Ltd

Vehicle Owner Ready Power Engineering Ltd

Authorised by: 
Greg Lilleker
Interfleet Technology Ltd

Issue Date 27 January, 2010

Expiry Date 6 October, 2013
(Where applicable due to a special limitation)



Vehicle Number(s)

99709_940111-6

Special Limitations

None

Maintenance Plan Documentation

<u>Plan Name / Description</u>	<u>Issue</u>	<u>Issue Date</u>
Rail Axle Interlocks Appendix RQMA0034	1	08/10/2009
Rexquote Maintenance Plan Addendum RQMA0008	1	19/10/2004
Rexquote Operation and Maintenance Manual RQM0050	3	04/10/2006

RGS Catalogue

The Mandatory Requirements and scope of work against which conformance has been confirmed:
Railway Group Standard Catalogue number GA/RM6501 Issue 6 December 2009

Vehicle Data

Applicable Gauge or Portfolio Reference : W6 as GM/RT1300

Additional Copy

Certificate No: IF/MP/0056/10

Interfleet

Technology



This Certificate of Conformance for Vehicle Maintenance has been issued on the basis of confirmation of conformance with the Mandatory Requirements.

Scope of Work

Certification of Road Rail Vehicle, wheeled excavator with adjustable boom and dipper.

Serial No. CGG0232094. Rexquote No. 1456. Ready Power Fleet No FR614.

Approval of rail axle interlocks maintenance manual appendix.

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

Previous Certificate - Vehicle Allocations

Superseded certificate: IF/MP/0476/06 - Rexquote 1456