



ENGINEERING ACCEPTANCE CERTIFICATE

This certificate issued in accordance with RIS-1530-PLT Issue 3.

NAME OF CERTIFICATION BODY

Atkins Rail

ACCREDITATION CODE

NS

Vehicle Type & Class **Road Rail Vehicle Rexquote Case CX135 Crawlerailer (Type, 9A)**

Vehicle Owner **W M Bradshaw**

Issue Date **20/04/2012**

Expiry Date **20/04/2019**

Vehicle Numbers: **99709 911253-1**

FIRST OF CLASS

Certificate number of First of Class

YES	NO
	X

N/A

Authorised by :

Signatory Name:

SP Rice

Authorised Signatory:

Reason for issue and Scope of Work

Previous scope of work;
 Certification of Road Rail Vehicle. Serial No. 13U0372.
 Assessed for compliance with GM/RT1300, Issue 4.
 Change of Owner/Operator only.
 Network Rail No 99709 911253-1, Rexquote 1953, Fleet No 49
 Expiry date conforms to the requirements of RIS-1530-PLT.

Scope of work for this certificate;
 Upgrade to RIS-1530-PLT, Issue 3.
 GOS Operator & Maintenance Manual Addendum RP142, Issue 1.
 New Limitations of Use 6 and 14.
 Change of Owner.

Deviations associated with this certificate: None

Previous Engineering Acceptance certificate number: IF/0146/11

Previous Maintenance certificate; None

	Identification Number	Issue No.	Date
Maintenance plan Id.	RQM0035	4	04/08/2004
Maintenance plan title	Rexquote Case CX135 Rail Mounted Excavator Manual		
Maintenance plan Id.	RP142	1	04-12
Maintenance plan title	GOS Operator & Maintenance Manual Addendum		

Limitations of Use

1. It operates on-rail in high-mode only.
2. When travelling, the RRV vehicle is within W6a gauge and exception for tracks.
3. Vehicle shall only operate inside possessions.
4. Mirrors must be folded in for travelling.
5. The RRV shall only be permitted to On/Off track or work with adjacent lines are open to traffic if a safe system of work and method statement is in place and accepted by the Network Rail Representative.
6. Vehicle is **NOT** approved for lifting operations.
7. A RRAP or temporary crossing must be used, maximum track cant 50mm. Alternatively, a risk assessed documented procedure may be used that is specific to the possession.
8. The vehicle shall **NOT** on or off track, travel or work on live conductor rails.
9. It shall **NOT** work under live OLE.
10. It shall **NOT** on/off-track or travel under live OLE, however, it may on/off track at a level crossing or travel under live OLE in accordance with Method Statement and NR/L2/RMVP/0207 for the possession as determined and approved in accordance with the requirements of GE/RT8024, and provided the boom/dipper is secured in the stowed position.
11. Reverse movement in travelling mode must be controlled by ground staff.
12. For access/egress, the vehicle may 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 must take account of adequate safe clearances to adjacent lines.
13. If adjacent lines are open to traffic, this vehicle shall only be used if a safe system of work has been adopted to take account of the extra gauge exceedance caused by attachments.
14. Vehicle is **NOT** permitted to tow or propel trailers.

Supplementary Information

1. Manufacturer serial / chassis number: Serial No. 13U0372. Fleet No.49, OEM No. 1953.
2. System for vehicle to be on/off tracked: Detailed in Rexquote Maintenance Document RQM0035.
3. Height of underside of rotating superstructure above rail level - 1192 mm.
4. Detail of boom/jib configuration: Mono boom and 2.1m Dipper.
5. Bucket full of ballast shall be moved through the planned range of movements to confirm that the working mode is within the vehicles stability capacity.
6. Vehicle is Rexquote rail-conversion of Case CX135 multi-purpose tracked excavator. It operates on-rail in high mode only through hydraulic drive (long wheel-base). It has a one-person cab.

Maximum speed of vehicle in travelling mode	20 mph
Maximum speed of vehicle in travelling mode over switches, crossings	5 mph
Maximum speed of vehicle in travelling mode through raised check rails	5 mph
Maximum speed of vehicle in working mode	1.5 mph
Maximum gradient in working mode	1:25
Maximum gradient on which vehicle can be on/off tracked	1:25
Maximum cant in working mode	150mm
Maximum cant in travelling mode	200mm
Maximum cant on which vehicle can be on/off tracked	50mm
Maximum working twist over the RRV wheelbase	1:150
Maximum Curve Radius	80m

Authorised By:.....

Name of Signatory: S P Rice

