

ON-TRACK PLANT

ENGINEERING CONFORMANCE CERTIFICATE

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

NAME OF CERTIFICATION BODY

The Atkins Notified Body

ACCREDITATION CODE

NS

Vehicle Class/Description Rexquote Gigarailer 180WSR (Type 9A)

Vehicle Owner Road Rail Cranes Ltd

Issue Date 15 September 2017

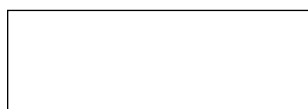
Expiry Date 15 September 2024

Vehicle Number: 99709 910089-0

First of Class Yes

Certificate Number of First of Class NS/0146/17

Authorised by:



John Chitham
Atkins OTP and OTM Signatory

Official Stamp

The Atkins Notified Body
A UKAS Accredited
Certification Body No:
6162

Reason for Issue and Scope of Work

Previous Certificate:

None, first approval.

Scope of work for this certificate;

New build machine, assessed for compliance with RIS-1530-PLT Issue 6, December 2015
Installation of Rexquote high performance Movement Limiting Device

Reference I/D 5155724.130

Certificate Number. NS/146/17

Deviations Associated with this Certificate

Reference Tracker Number 30808
Title Derogation against clause 5.5.6.1

Previous Certificate Number: None

Approved Maintenance Instructions

ID No.	Title	Issue No.	Date
RQM60087V01	Rail mounted crane operating and maintenance manual	01	11/09/2017

Machine Data

Gross Machine Weight	29,600 kg	Gauge	Plant (with exceedances)
Maximum tail swing	769 mm	Maximum Towed Load	40 tonnes
		Maximum No. Trailers	4
Air Park Brake Pressure	8 bar	Air Service Brake Pressure	0 - 8 bar

Limitations of Use

1. The machine shall only be used inside a possession.
2. Exceeds Plant Gauge. Stabiliser legs exceed plant gauge by 14.7mm, RCI warning light exceeds plant gauge by 38mm. See RQM60087 for details. Rear view mirrors must be folded in when travelling on rail.
3. In working mode, machine exceeds travel mode gauge. This machine may be used with adjacent lines open to traffic, only if a safe system of work to be adopted has taken account of gauge exceedance.
4. If adjacent lines are open to traffic, this machine shall be used only if a safe system of work has been adopted to take account of the extra gauge exceedance caused by attachments
5. The vehicle is fitted with an electronic lateral movement limiting device (MLD). This system has been approved against the requirements of a High Performance MLD, as defined in RIS-1530-PLT issue 6, and is permitted to travel and work under ALO configurations where a 'high performance' MLD is required.
6. The vehicle is fitted with an electronic height limiting device. This system has been approved against RIS 1530-PLT-Issue 6, and is permitted to on/off track, travel or work under live OLE.
7. The machine is provided with a preset movement limiting device with a default height of 3500mm

Reference I/D 5155724.130

Certificate Number. NS/146/17

8. For access/egress, the machine may only operate with the access adjacent to a cess or a line closed to all train movements or the documented safe system of work must take account of adequate safe clearances to adjacent lines.
9. Not permitted in live conductor rail areas
10. The machine shall proceed at walking speed and ground staff control the movement in reverse until the superstructure can be slewed to face direction of travel.
11. Maximum number of trailers (see Machine Data section of this ECC) shall not be exceeded.
12. Maximum towed/propelled load (see Machine Data section of this ECC) shall not be exceeded.
13. The machine shall be used as defined in the following table:-

Maximum speed on plain line	16 mph	Maximum speed over S&C	5 mph
Maximum speed over raised check and guard rails	5 mph	Minimum curve radius	80 m
Maximum gradient	1:25	Maximum travelling cant	200 mm
Maximum on/off-track gradient	1:25	Maximum working cant	150 mm
Maximum towing/propelling speed	10 mph	Maximum on/off-track cant	165 mm

Supplementary Information

1. Machine is a Rexquote conversion of an Atlas 180WSR excavator
2. Rexquote Number 2436
3. OEM Serial Number 181S301267
4. RCI Information:
 - a. Manufacturer: Rexquote
 - b. Software version: Atlas180WsrV01.v01
 - c. Duty chart reference: 1.9m Boom, 3.3m Artic, 3.8m – 5.8m Crane, date 05/09/2017
5. Type of movement limiting device fitted – High performance
6. Boom configuration: 1.9m Boom, 3.3m Artic, 3.8 – 5.8m Crane arm
7. Maximum permitted number of people in cab is two.

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