



## ON-TRACK PLANT

### ENGINEERING CONFORMANCE CERTIFICATE

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

**NAME OF CERTIFICATION BODY**

**ACCREDITATION CODE**

**AEGIS Certification Services Ltd**

**AC**

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

**Vehicle Owner** Road Rail Cranes Ltd

**Issue Date** 03 May 2018

**Expiry Date** 23 April 2025

**Vehicle Number:** **99709 910099-9**

**First of Class** No

**Certificate Number of First of Class** NS/0146/17

**Authorised by:**



Luigi D'Angelo  
AEGIS PAB Signatory

**Official Stamp**



#### Reason for Issue and Scope of Work

Previous Certificate:  
None, first approval.

This certificate:

New build machine, assessed for compliance with RIS-1530-PLT Issue 6, December 2015

Installation of Rexquote high performance Movement Limiting Device

**Plant Asset Manager Copy**

**Certificate Number: AC/0043/18**

**Deviations Associated with this Certificate**

**Reference**           None  
**Title**                 None

**Previous Certificate Number:** None

**Approved Maintenance Instructions**

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

**Machine Data**

<b>Gross Mass</b>	29400 kg		
<b>Tailswing gauge exceedance</b>	769 mm	<b>Tailswing Height</b>	1465 mm
<b>Air service brake pressure</b>	0-8 bar	<b>Air park brake pressure</b>	8 bar
<b>Gauge</b>	Plant	<b>Software version (inc. RCI)</b>	Atlas WsrV01.v01

**Approved Values**

<b>Maximum number of people</b>	2	<b>Main load lifting point SWL</b>	12000 kg
<b>Maximum towed load</b>	40000 kg	<b>Maximum number of trailers</b>	4

**Approved Track Conditions**

	<b>Travelling Mode</b>	<b>Working Mode</b>	<b>On/off-tracking</b>
<b>Maximum gradient</b>	1:25	1:25	1:25
<b>Maximum cant</b>	200 mm	150 mm	165 mm
<b>Minimum curve radius</b>	80 m	80 m	

**Approved Maximum Speeds**

	<b>Travelling Mode</b>	<b>Working Mode</b>
<b>Plain Line</b>	16 mph	1.5 mph
<b>Switches and Crossings</b>	5 mph	1.5 mph
<b>Raised check and guard rails</b>	5 mph	1.5 mph
<b>Reverse</b>	3 mph	1.5 mph
<b>Towing</b>	10 mph	1.5 mph

## Limitations of Use

1. The machine shall not be used outside a possession.
2. The maximum number of people transported on this machine shall not exceed the value given in the Approved Values section of this ECC.
3. Lifts shall not exceed any SWL given in the Approved Values section of this ECC.
4. The maximum towed load shall not exceed the value given in the Approved Values section of this ECC.
5. The maximum number of trailers shall not exceed the number given in the Approved Values section of this ECC.
6. The machine shall not be used on track conditions in excess of those given in the Approved Track Conditions section of this ECC.
7. The machine speed shall not exceed the values given in the Approved Maximum Speeds section of this ECC.
8. 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.
9. 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.
10. 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
11. 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.
12. 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.
13. The machine is provided with a preset movement limiting device with a default height of 3500mm.
14. 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.
15. Not permitted in live conductor rail areas.
16. 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.

**Supplementary Information**

1. This machine's was assessed against RIS-1530-PLT issue 6.
2. Duty chart reference:1.9m Boom, 3.3m Artic, 3.8m – 5.8m Crane, dated 19/04/2017
3. Machine is a Rexquote conversion of an Atlas 180WSR excavator.
4. This machine is fitted with a high performance movement limiting device.
5. Boom configuration: 1.9m Boom, 3.3m Artic, 3.8 – 5.8m Crane arm

Chassis / Serial Number	181S301268
Fleet Number	RRC/LR21
Rexquote Number	2437

---

**Authorised by:**

Luigi D'Angelo  
AEGIS PAB Signatory

---