

ON-TRACK PLANT

ENGINEERING CONFORMANCE CERTIFICATE

This certificate is issued in accordance with RIS-1710-PLT Issue 2.1

NAME OF CERTIFICATION BODY	ACCREDITATION CODE
AEGIS Certification Services Ltd	AC

Machine Class/Description	Rexquote Gigarailer (Type 9B)
Machine Owner	Shovlin Plant Hire Limited
Issue Date	28 th June 2023
Expiry Date	28 th April 2030

Machine Number: **99709 940050-6**

First of Class	Yes
Certificate Number of First of Class	AC/0269/23

Authorised by:



Mark Franik
AEGIS PAB Signatory



Official Stamp



Reason for Issue and Scope of Work

Previous Certificate:

Upgraded to meet the requirements of RIS-1 530-PLT Issue 6.

This certificate:

Engineering change:

Uplift of On/Off tracking ability from 100mm to 150mm

Operation and maintenance manual assessed and updated.

Removal of Limitation 13 "Operators shall not be positioned between machines during coupling or uncoupling".

Correction to maximum towed load & Hydraulic service brake pressures

Inclusion of Rhino horn capability and duty chart

Deviations Associated with this Certificate

Tracker Number None
Description None

Previous Certificate Number: AC/0186/23

Approved User Documentation

ID No.	Title	Issue No.	Date
ZM50005083	Shovlin Plant Hire Ltd - TEREX Gigarailer rail mounted excavator operation and maintenance handbook	2	June 2023

Machine Data

Gross Mass	29430 kg	Gauge	W6a
Work equipment gauge exceedance	5590 mm	Tailswing gauge exceedance	690 mm
Tailswing Height	1330 mm	Hydraulic park brake pressure	35 bar
Hydraulic service brake pressure	100 bar	Air service brake pressure	8 bar
Air park brake pressure	0-8 bar	Software version (inc. RCI)	9.61

Approved Values

Maximum number of people	2	Main load lifting point SWL	10 000 kg
Auxiliary lifting point SWL	12 000 kg	Quick Hitch SWL	10 000 kg
Maximum towed load	100 000 kg	Maximum number of trailers	4
Maximum non-service braked towed load	0 kg (Zero)		

Approved Track Conditions

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

Use in Electrified Areas

		Travelling Mode	Working Mode	On/off-tracking
Overhead Line Equipment	Live	Yes	No	Yes
	Isolated	Yes	Yes	Yes
3rd / 4th Rail	Live	No	No	No
	Isolated	Yes	Yes	Yes

Approved Maximum Speeds

	Travelling Mode	Working Mode
Plain Line	8 mph	8 mph
Switches and Crossings	5 mph	5 mph
Raised check and guard rails	5 mph	5 mph
Reverse	3 mph	3 mph
Towing	8 mph	8 mph

Limitations of Use

1. The machine is not permitted outside of a possession.
2. The machine is fitted with Rexquote traction hubs A Site survey shall be undertaken to assess potential damage to infrastructure Particularly to guard rails or similar equipment prior to use.
3. The machine exceeds the stated gauge in working mode, see Machine Data section of this ECC. The 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 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.
6. Not to be used ALO on LU.
7. The machine shall not be used on track conditions in excess of those given in the Approved Track Conditions section of this ECC.
8. The maximum number of people to be transported on the machine shall not exceed the value given in the Machine Data section of this ECC.
9. The maximum payload shown in the Machine Data section of this ECC shall not be exceeded.
10. The maximum number of towed / propelled trailers shall not exceed the value given in the Machine Data section of this ECC.
11. The maximum towed / propelled load shall not exceed the value given in the Machine Data section of this ECC.

12. The hydraulic braking system may be used if the host machine is not compatible with the air brake system, however if the host machine is compatible, the air brake system shall be used.
13. The machine shall not exceed any speeds given in the Approved Maximum Speeds section of this ECC.
14. Ground staff shall control reverse movements.
15. The machine is to proceed at walking speed and ground staff control the movement in reverse until the superstructure can be slewed to face direction of travel.
16. The machine is suitable for On/off-tracking and traveling under live OLE when used in conjunction with a safe system of work.
17. The machine shall not work under live OLE.
18. The machine shall not travel on live conductor rail lines.
19. The machine shall not work on live conductor rail lines.
20. The machine shall not be used predominantly in enclosed locations.
21. Where an attachment is known to have a significant adverse effect on stability the RCI shall always be in 'Lift Mode' when using the attachment.
22. Lifts shall not exceed any SWL given in the approved values section of this ECC.

Supplementary Information

1. The machine's re-approval for seven years was assessed against RIS-1530-PLT issue 6.
2. The machine is a TEREX Gigarailer road rail conversion by Rexquote
3. The machine is fitted with:
 - A 1.93 m Main, 3.34 m Artic & 2.0 m Dipper
 - Geith Quick Hitch
 - Fitted with traction hubs that extend the overall width of the rail wheels to 162mm at rail level.
4. The machine is fitted with foam filled tyres
5. The machine is fitted with a Low Performance Movement Limiting Device.
6. Duty chart reference: Terex GigaRailer 180S301286 BP, ALP, QH and 3.22 Jib load: Dated 15-Jun-2023

Serial Number	180S301286
Rexquote number	2227
Fleet Number	2227