

ON-TRACK PLANT

ENGINEERING CONFORMANCE CERTIFICATE

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

NAME OF CERTIFICATION BODY
AEGIS Certification Services Ltd

ACCREDITATION CODE
AC

Machine Class/Description Rexquote Gigarailer (Type 9B)
Machine Owner Shovlin Plant Hire Limited
Issue Date 2nd May 2024
Expiry Date 1st May 2031

Machine Number: **99709 940666-9**

First of Class No
Certificate Number of First of Class AC/0269/23

Authorised by:



ACS-JPC-510

J P Court
AEGIS PAB Signatory



Official Stamp



Reason for Issue and Scope of Work

Previous Certificate:

Fit auto slew brake.

Brackle C16a and C16b tree cutter heads approved for use with this type of machine (see Limitation 20).

Upgrade to RIS-1503-PLT, Issue 5, June 2014 (derogation issued by Network Rail).

New Maintenance Plan.

This certificate:

Upgrade to meet the requirements of RIS-1530-PLT Issue 6.

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

Deviations Associated with this Certificate

Tracker Number TR99364
Description To permit certification to RIS-1530-PLT, Issue 6 after publication of RIS-1530-PLT, Issue 7

Previous Certificate Number: NS/0076/16

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 1.92 m Main, 3.30 m Artic & 2.0 m Dipper
 - 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 – 180S301307 – 3.22m Fixed Length Jib Dated 25-Apr-2024

| | |
|-----------------|------------|
| Serial Number | 180S301307 |
| Rexquote number | 2291 |
| Fleet Number | 2291 |