

CERTIFICATE OF ENGINEERING ACCEPTANCE

This certificate formally records that the following vehicle(s) conform to the appropriate requirements as set out in RIS-1530-PLT.

NAME OF VEHICLE ACCEPTANCE BODY

Interfleet Technology Ltd


ACCREDITATION CODE

IF

Vehicle Class / Type Rexquote Terex Gigarailer 12

Vehicle Operator Various or Unspecified Companies

Vehicle Owner Ready Power Engineering Ltd

Authorised by: 

Bryan Lowe
Interfleet Technology Ltd

Issue Date 5 February, 2010

Expiry Date 15 May, 2015
(Where applicable due to a special limitation)


Technology
OFFICIAL STAMP

Vehicle Number(s)

99709_940048-0

Special Limitations

Limitations 1-14 are carried forwards from superseded certificate ER/0035/09.

1. Vehicle is not permitted outside a possession.
2. Vehicle must only be placed on or off track, travelled or worked by authorised personnel in accordance with mandatory rules and regulations, vehicle-operating instructions, and the Operator's declared safe system of work.
3. Mirrors must be folded in when travelling.
4. Maximum speeds on rail not to exceed:
 - > 20mph plain line;
 - > 5mph switches and crossings;
 - > 10mph towing.
5. Vehicle must not be worked on track that exceeds any combination of 150mm cant, twist 1 in 150 over the RRV wheelbase (27mm twist), and 1:29 gradient.
6. Vehicle must not be on/off tracked on track cants greater than 100mm.
7. Vehicle must only be on/off tracked at level crossings, specified track access points (TAPS), prepared beds, or by purpose made raiiling ramps. Crossings may be temporary e.g. timbers or rolled ballast.

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8. All work equipment/attachments must be stowed and secured in their transit position when on/off tracking and when operating the vehicle in travelling mode on rail.
9. Vehicle must only be on/off tracked with adjacent lines closed to traffic or under the control of the engineering supervisor responsible for controlling movements of the vehicle.
10. In working mode, the counterweight, boom, dipper and attachments can exceed the W6a gauge. Vehicle may only be used with adjacent lines open to traffic if the safe system of work to be adopted has taken account of the gauge exceedance.
11. Vehicle can be on/off tracked, travelled and worked under live overhead line equipment which is at least 4165mm above rail level, provided that the height limiter device is turned on and the key removed.
12. Vehicle is not permitted on routes with conductor rail systems unless the conductor rail is isolated.
13. Vehicle is permitted to tow or propel on rail, 4 approved compatible trailers with a maximum total load not exceeding 29 tonnes, when trailers are fitted with breakaway brakes, or 75 tonnes when trailers are fitted with service brakes. All brake connections between vehicle and trailers must be fitted, and the trailer must be fitted with automatic breakaway brakes and marker/tail lights. The maximum hydraulic pressure delivered from trailer parking brake connections is 35 bar; and from service brake connections is 140 bar.
14. Use of any attachments with this vehicle must not cause the safe working load of the Vehicle to be exceeded. Vehicle must be used in accordance with Rated Capacity Indicator (RCI) and duty charts 180S301285 - 1.8m or 180S301285 - 4m, applicable to Prolec RCI number C230077/045764. The attachments and lifting accessories shall have a current certificate of approval and be used in accordance with the manufacturer's instructions and the Method Statement for the possession. The RCI may be switched off in digging mode, but must be switched on when lifting or when using any attachment which may affect the stability of the RRV.

Additional Limitation on this certificate:

15. **SAFETY NOTE:** The vehicle is fitted with traction hubs that extend the overall width of the rail wheels to 162mm at rail level. It shall NOT be used on a track where guard rails or other similar equipment is present, unless the safe system of work that is specific to the possession details the controls that are necessary to ensure there is no risk of intrusion of the traction hubs into the area occupied by the guard rails.

Referenced Certificates

This Certificate of Engineering Acceptance has been issued in accordance with GM/RT2000 Issue 2, on the basis of the following Certificates of Conformance and previous Certificates of Engineering Acceptance.

Supporting Certificates

Vehicle Design

Vehicle Construction

Vehicle Maintenance

ER/MP/0058/08

Superseded Certificates

Engineering Acceptance

ER/0035/09

Reasons for non inclusion of a Certificate of Conformance or a Certificate of Engineering Acceptance:-
Vehicle Design and Construction Certificates not applicable.

RGS Catalogue

The Mandatory Requirements and scope of work against which conformance has been confirmed:
Railway Group Standard Catalogue number GA/RM6501 Issue 6 December 2009

Vehicle Data

Route Availability No:	(Laden)	No Change	(Tare)	No Change
Maximum Speed (mph):	(Laden)	20	(Tare)	20
Applicable Gauge or Portfolio Reference :	W6a as RIS-1530-PLT			
Minimum Curve Radius:	80m			
Applicable Braking Curve(s):	RIS-1530-PLT Clause 5.6.2.1			

Mandatory Data for Inclusion in RSL

None

Scope of Work

Certification of Road Rail Vehicle.
Serial No. 180S301285. Rexquote No. 2221. Readypower Fleet No. FR641.

Originally assessed for compliance with RIS-1530-PLT, Issue 1.

Modification by agreement with Network Rail to fit rail wheel traction hubs with 30mm wide running edge (overall wheel assembly width 162mm), see limitation 15.
Amendment of associated limitation 13 as reduction of maximum towed/propelled, service-braked trailer weight.

Expiry date conforms to the requirements of RIS-1530-PLT.

Additional Information

Following is carried forward from superseded certificate ER/0035/09:

Configuration is Rexquote conversion of a Terex excavator (Serial No. 180S301285) fitted with an adjustable boom (1.92m main + 3.34m artic) and interchangeable (1.8m or 4m) dipper. Prolec RCI serial number C230077/045764 is fitted, associated Duty Charts 180S301285 -1.8m or 180S301285 -4m, and software version V0.34. It operates on-rail in high mode only. It has a two-person cab and is fitted with service brake control for rail trailers. It is authorised to work with attachments through the dipper link pins or quick hitch.

Bryan Lowe

Authorised by: 

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