

Interfleet

Technology

RAILTRACK

Safety and Standards Directorate

CERTIFICATE OF ENGINEERING ACCEPTANCE

This certificate formally records that the following vehicle(s) conform to the appropriate Mandatory Requirements as set out in the Railway Group Standards.

NAME OF CERTIFICATION BODY

ACCREDITATION CODE

Interfleet Technology Ltd

IF

Vehicle Type & Class: Komatsu PW130 - 6K Road-Rail Machine

Vehicle Number(s): 1075 (Serial No. K30366)

Vehicle Operator: Ready Power Engineering Ltd

Vehicle Owner: Ready Power Engineering Ltd

Issue Date: 08 June 2001

Expiry Date: N/A
(Where applicable due to a special limitation)

See overleaf for Mandatory requirements against which compliance has been issued.

Authorised By.....



Bryan Lowe

Interfleet Technology Ltd
OFFICIAL STAMP

Special Limitations: (If none, insert none)

See Appendix A

1. Limitations taken from NP/0044/2000.
2. Additional limitation relates to modification to permit towing or propelling of trailers.

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Certificate No: IF/0448/01
Customer Copy

This Certificate of Engineering Acceptance has been issued on the basis of the following Certificates of Conformance and previous Certificate of Engineering Acceptance

Vehicle Design: N/A

Vehicle Construction: N/A

Maintenance: NP/MP/0018/2000

Certificates of Conformance issued under GM/RT2000 Issue Two RRV to GM/RT1300 requires EA & MP certificates only.

Previous Certificate of Engineering Acceptance: NP/0044/00

(Where a Certificate of Conformance has not been issued, or where a Certificate of Engineering Acceptance has not previously been issued for an existing vehicle please give reason below):-

Vehicle Data: (To be completed)

Route Availability No: (Laden) N/A (Tare) N/A

Maximum Speed: (Laden) 20mph (Tare) 20mph

Applicable Gauge or Portfolio Reference: No Change

Applicable Braking Curve(s): No Change

Minimum Curve Radius: No Change

The Mandatory Requirements and scope of work against which conformance has been confirmed:
Railway Group Standard Catalogue number GA/RM6501 Issue 2/2001

Scope of Work:

Modification to existing RRV with the addition of trailer brake release circuitry. Trailer capacity determined by brake tests, to demonstrate compliance to GM/RT1300, Clause 5.11.2.

Mandatory Data for inclusion in RSL

Form EA/7 December 2000

Certificate No: IF/0448/01

Customer Copy

APPENDIX A TO CERTIFICATE OF ENGINEERING ACCEPTANCE

Certificate Number: IF/04448/01
Vehicle Type: Komatsu PW130 – 6K Excavator (RRV)
Vehicle No: 1075 (Serial No. K30366)
Owner: Ready Power Engineering Ltd

LIMITATIONS FROM PREVIOUS ENGINEERING ACCEPTANCE CERTIFICATE NP/0044/2000

- A. **SAFE SYSTEM FOR ON AND OFF TRACKING:**
Detailed in Rexquote Road Rail Appendix to book for Komatsu PW130-6K Excavator EEAM OU5600.
NOTE: Temporary crossings should be used when access to the rails is not level e.g. steep cesses or canted track. Crossings may be of rolled ballast or timbers.
- B. **CONFIGURATION OF MACHINE:**
Machine has road wheels in contact with rail wheels. See SLI chart for rated duties.
- C. **LIMITATIONS OF USE:**
1. May only operate inside possessions.
 2. Adjacent lines must be blocked/protected when machine is working.
 3. May not travel and work on 3rd rail lines without de-energising.
 4. May travel under live OEL with written permission of the Local Electrification Manager.
 5. May not work On/Off track or under live OEL.
 6. Maximum track cant = 150mm.
 7. Permitted to tow or propel, see Additional Limitation.
 8. Machine will operate spring-loaded points.
 9. Machine maximum speed = 20mph.
 10. Limitation to ensure stability: NONE.
 11. Permitted to work with attachments and ancillaries, see F.
- D. **CERTIFICATE VALIDITY:**
Modifications made to machine after the date of issue of this Certificate, which may affect items covered by RGS GM/RT1300 must be approved by an accredited acceptance body. Failure to obtain approval may invalidate this Certificate.
- E. **SCOPE OF EXAMINATION:**
Checked for conformance with GM/RT1300, Issue 2, including Standards referenced therein.
- F. **ATTACHMENTS APPROVED FOR USE WITH THE ABOVE MACHINE:**
- General Purpose Earth Moving Buckets.
 - Ballast Profiling Bucket.
 - Earth Moving Clamshell Grab.
 - Lifting Hook Assembly, with current test certificate.
 - Any item of loose lifting tackle with current test certificate.
 - Hydraulic Sleeper Grab.
 - Rail Thimble – (Windoff, Rexquote, Arbil, K&M Engineering, with current test certificate).
 - Ballast Broom, made by Rexquote.
 - Flail Cutting Head (UK Hydraulics).
 - Sleeper Fork attachments.
- G. **GAUGE:**
There are no gauge infringements apart from the road wheels. See also limitation C3.
- H. **EMERGENCY RECOVERY PROCEDURE:**
As detailed in Rexquote Road Rail Appendix to book for Komatsu PW130-6K Excavator EEAM OU5600.
- ADDITIONAL LIMITATIONS FOR ENGINEERING ACCEPTANCE CERTIFICATE IF/0448/01**
- I. **TOWING AND PROPELLING:**
- This Road-Rail Machine is approved for towing or propelling approved trailers with compatible braking systems coupling to dual circuit brake release pressure of 25 Bar.
 - Maximum permitted weight of trailers and their load is 20 tonnes.