

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 Komatsu PW160 Excavator Type 9B
Machine Owner L&W Contractors Ltd
Issue Date 27th September 2024
Expiry Date 23rd August 2031

Machine Number: **ZZ709 940691-7**

First of Class No
Certificate Number of First of Class AC/0358/24

Authorised by:



ACS-ACL-1013

B. A. Clarke
AEGIS PAB Signatory



Official Stamp



Reason for Issue and Scope of Work

Previous Certificate:

Assessed for compliance with RIS-1530-PLT 7.1.
Software upgraded from 11.8 to 11.9.

This certificate:

Fitment of new GKD RCI unit, including software change from version 11.9 to 9.61.

Deviations Associated with this Certificate

Tracker Number None
Description None

Previous Certificate Number: AC/0314/24

Approved User Documentation

ID No.	Title	Issue No.	Date
HMM0050	Komatsu PW160-7 Operation & Maintenance Manual UK & Irish Gauge	A	26/02/2024

Machine Data

Gross Mass	23,600 kg	Gauge	Plant
Air service brake pressure	8.5 bar	Air park brake pressure	8.5 bar
Software version (inc. RCI)	9.61	Work equipment gauge exceedance	5710 mm
Tailswing gauge exceedance	690 mm	Tailswing Height	1385 mm

Approved Values

Main load lifting point SWL	10,000 kg	Maximum number of trailers	3
Quick Hitch SWL	13,000 kg	Maximum towed load	22,800 kg
Permitted number of people to be transported on machine	2	Maximum non-service braked towed load	0 (zero) kg

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
	Live	Yes	Yes	Yes

Overhead Line Equipment	Isolated	Yes	Yes	Yes
3rd / 4th Rail	Live	No	No	No
	Isolated	Yes	Yes	Yes

Approved Maximum Speeds

	Travelling Mode	Working Mode
Plain Line	12 mph	5 mph
Switches and Crossings	5 mph	5 mph
Raised check and guard rails	5 mph	5 mph
Reverse	5 mph	5 mph
Towing	10 mph	5 mph
Emergency Recovery	3 mph	3 mph

Limitations of Use

1. The machine is not permitted outside of a possession.
2. Exceeds plant gauge.
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 number of towed / propelled trailers shall not exceed the value given in the Machine Data section of this ECC.
10. The maximum towed / propelled load shall not exceed the value given in the Machine Data section of this ECC.
11. The machine shall not exceed any speeds given in the Approved Maximum Speeds section of this ECC.
12. The CCTV system shall be used to control reverse movements.
13. This machine is suitable for on/off-tracking, travelling and under live OLE when used in conjunction with a safe system of work
14. The machine shall not travel on live conductor rail lines.
15. The machine shall not work on live conductor rail lines.

16. The machine shall not be used predominantly in enclosed locations.
17. 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.
18. 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 7.1.
2. The machine is a Komatsu PW160-7 road rail conversion by Rexquote
3. The machine is fitted with a 5.15m boom, a 2.1m Dipper and 3m Rhino horn capabilities.
4. This machine is fitted with Tandem lift capability.
5. The machine is fitted with a High-Performance Movement Limiting Device.
6. Duty chart reference: Komatsu PW160E Serial No. H55516 5.15m+2.1m Dipper dated 26-Sep-2024.

Serial Number	H55516
Fleet Number	RRV124
Rexquote number	2287