

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 PC138US (Type 9A)

Machine Owner L&W Contractors Ltd

Issue Date 27th September 2024

Expiry Date 27th September 2031

Machine Number: **ZZ709 911350-5**

First of Class Yes

Certificate Number of First of Class AC/0360/24

Authorised by:



ACS-MFR-1938

Mark Franik



Official Stamp



Reason for Issue and Scope of Work

Previous Certificate:

First approval to RIS-1530-PLT issue 6.

This certificate:

Upgrade to RIS-1530-PLT Issue 7.1.

Updated Operations and Maintenance manual from issue A to issue B.

Deviations Associated with this Certificate

Tracker Number None
Description None

Previous Certificate Number: NS/0117/17

Approved User Documentation

ID No.	Title	Issue No.	Date
HMM0052	Komatsu PC138 Rexquote Operation & Maintenance Manual	B	23/09/2024

Machine Data

Gross Mass	21 400 kg	Tare Mass	N/A
Gauge	Plant Gauge	Work equipment gauge exceedance	5710 mm
Tailswing gauge exceedance	265 mm	Tailswing Height	1572 mm
Hydraulic park brake pressure	40 bar	Hydraulic service brake pressure	N/A
Air service brake pressure	8 bar	Air park brake pressure	8 bar
Software version (inc. RCI)	1.26.0.28		

Approved Values

Maximum number of people	1	Payload	N/A
Main load lifting point SWL	10000 kg	Auxiliary lifting point SWL	5000 kg
Maximum towed load	42000 kg	Maximum number of trailers	2
Maximum non-service braked towed load	0 (zero)	Quick Hitch SWL (Miller Q/hitch)	13000kg

Approved Track Conditions

	Travelling Mode	Working Mode	On/off-tracking
Maximum gradient	1:25	1:25	1:25
Maximum cant	200 mm	150 mm	100 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	No	Yes
3rd / 4th Rail	Live	No	No	No
	Isolated	Yes	No	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	5 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. Machine exceeds plant gauge between the machine Tracks by 29 mm vertically with nominal rail wheel diameter, this increases to 39 mm with rail wheels worn to maximum
4. 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.
5. 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.
6. 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.
7. Not to be used ALO on LU.
8. The machine shall not be used on track conditions in excess of those given in the Approved Track Conditions section of this ECC.
9. 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.
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. Operators shall not be positioned between machines during coupling or uncoupling.
13. The machine shall not exceed any speeds given in the Approved Maximum Speeds section of this ECC.
14. The CCTV system shall be used to control reverse movements.
15. The machine is suitable for On/off-tracking and traveling under live OLE when used in conjunction with a safe system of work.
16. The machine shall not work under live OLE.
17. The machine shall not travel on live conductor rail lines.
18. The machine shall not work on live conductor rail lines.
19. The machine shall not be used in enclosed locations.
20. 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.
21. Lifts shall not exceed any SWL given in the approved values section of this ECC.
22. 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.
23. This 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.
24. Quick hitch and Auxiliary Lifting Point SWL (see Machine Data section of this ECC) shall not be exceeded.

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 PC138 road rail conversion by Rexquote.
3. The machine is fitted with:
Miller Quick hitch
Boom 1.96m
 - Artic 3.23m
 - Arm 2.5m
4. The machine is fitted with a High Performance Movement Limiting Device for ALO only.
5. Duty chart reference: Komatsu PC138. Serial Number F50108, Dated 20th September 2024

Serial Number	F50108
Fleet Number	RRV149