

## 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**

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**Machine Class/Description** Rexquote/Komatsu PC138US (Type 9A)

**Machine Owner** L&W Contractors

**Issue Date** 20<sup>th</sup> September 2024

**Expiry Date** 20<sup>th</sup> September 2031

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**Machine Number:** **ZZ709 911349-7**

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**First of Class** Yes

**Certificate Number of First of Class** AC/0352/24

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**Authorised by:**



ACS-JPC-738

J P Court  
AEGIS PAB Signatory



10221

**Official Stamp**



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#### 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.

### Deviations Associated with this Certificate

**Tracker Number**        None  
**Description**            None

**Previous Certificate Number:** NS/0115/17

### Approved User Documentation

<b>ID No.</b>	<b>Title</b>	<b>Issue No.</b>	<b>Date</b>
HMM0052	Komatsu PC138 Rexquote Operation & Maintenance Manual	A	29/07/2024

### Machine Data

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

### Approved Values

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

### Approved Track Conditions

	<b>Travelling Mode</b>	<b>Working Mode</b>	<b>On/off-tracking</b>
<b>Maximum gradient</b>	1:25	1:25	1:25
<b>Maximum cant</b>	200 mm	150 mm	100 mm
<b>Minimum curve radius</b>	80 m	80 m	

### Use in Electrified Areas

		<b>Travelling Mode</b>	<b>Working Mode</b>	<b>On/off-tracking</b>
<b>Overhead Line Equipment</b>	<b>Live</b>	Yes	No	Yes
	<b>Isolated</b>	Yes	No	Yes
<b>3<sup>rd</sup> / 4<sup>th</sup> Rail</b>	<b>Live</b>	No	No	No
	<b>Isolated</b>	Yes	No	Yes

### Approved Maximum Speeds

	<b>Travelling Mode</b>	<b>Working Mode</b>
<b>Plain Line</b>	12 mph	5 mph
<b>Switches and Crossings</b>	5 mph	5 mph
<b>Raised check and guard rails</b>	5 mph	5 mph
<b>Reverse</b>	5 mph	5 mph
<b>Towing</b>	5 mph	5 mph
<b>Emergency recovery</b>	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 F50106, Dated 17<sup>th</sup> September 2024

Serial Number	F50106
Fleet Number	RRV148