



## ON-TRACK PLANT

### ENGINEERING CONFORMANCE CERTIFICATE

This certificate issued in accordance with RIS-1530-PLT Issue 6.

**NAME OF CERTIFICATION BODY**

**ACCREDITATION CODE**

**AEGIS Certification Services Ltd**

**AC**

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<b>Machine Class/Description</b>	AJH Plant/Komatsu PW118 Rail Rascal (Type 9B)
<b>Vehicle Owner</b>	L&W Plant Ltd
<b>Issue Date</b>	27 <sup>th</sup> March 2020
<b>Expiry Date</b>	27 <sup>th</sup> March 2027

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**Vehicle Number:**            **99709 940910-1**

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<b>First of Class</b>	No
<b>Certificate Number of First of Class</b>	AC/0067/19

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**Authorised by:**



Alastair W.R. Roberts  
AEGIS PAB Signatory

**Official Stamp**



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#### Reason for Issue and Scope of Work

Previous Certificate:  
N/A – First certificate

This certificate:  
First approval to RIS-1530-PLT issue 6.

**Deviations Associated with this Certificate**

**Reference**           None  
**Title**                 None

**Previous Certificate Number:** N/A – First certificate

**Approved Maintenance Instructions**

<b>ID No.</b>	<b>Title</b>	<b>Issue No.</b>	<b>Date</b>
AJH137	Komatsu PW118 Rail Rascal Operation and Maintenance Instruction	1	06/03/19

**Machine Data**

<b>Gross Mass</b>	18650 kg	<b>Software version (inc. RCI)</b>	9.39
<b>Gauge</b>	Plant	<b>Work equipment gauge exceedance</b>	3565 mm
<b>Tailswing gauge exceedance</b>	119 mm	<b>Tailswing Height</b>	1375 mm
<b>Air service brake pressure</b>	8.5 bar	<b>Air park brake pressure</b>	8.5 bar
<b>Hydraulic park brake pressure</b>	35 bar		

**Approved Values**

<b>Maximum number of people</b>	1	<b>Load lifting point SWL</b>	5000 kg
<b>Maximum service braked towed load</b>	46 000 kg	<b>Maximum number of trailers</b>	4

**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>	150 mm	150 mm	150 mm
<b>Minimum curve radius</b>	50 m	50 m	

**Approved Maximum Speeds**

	<b>Travelling Mode</b>	<b>Working Mode</b>
<b>Plain Line</b>	15 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>	8 mph	5 mph
<b>Recovery</b>	3 mph	3 mph

### Limitations of Use

1. The machine shall not be used outside a possession.
2. The maximum number of people transported on this machine shall not exceed the value given in the Approved Values section of this ECC.
3. Lifts shall not exceed any SWL given in the Approved Values section of this ECC.
4. The maximum towed load shall not exceed the value given in the Approved Values section of this ECC.
5. The maximum number of trailers shall not exceed the number given in the Approved Values section of this ECC.
6. The machine shall not be used on track conditions in excess of those given in the Approved Track Conditions section of this ECC.
7. The machine speed shall not exceed the values given in the Approved Maximum Speeds section of this ECC.
8. 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.
9. 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.
10. Not to be used ALO on LU.
11. Ground staff shall control reverse movements.
12. The machine is to proceed at walking speed and ground staff control the movement in reverse until the superstructure can be slewed to face direction of travel.
13. 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.
14. This machine is suitable for On/off-tracking, traveling and working under the live OLE when used in conjunction with a safe system of work.
15. The machine shall not be used on live conductor rail lines.
16. 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.
17. The machine shall not be used predominantly in enclosed locations.

**Supplementary Information**

1. This machine's first approval was assessed against RIS-1530-PLT issue 6.
2. Duty chart reference: Komatsu PW118 30232 1.91m+1.98m+2.00m, 26-Mar-2020
3. The machine is fitted with a Miller KOM PW118 M/M CST R3 Powerlatch Quick Hitch.
4. The machine is fitted with a High Performance lateral and vertical Movement Limiting device. Note that it is not possible to set lateral work limits when the boom is in the offset position.

Chassis / Serial Number	KMTPW032TKUF30232
Fleet Number	RRV153

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