



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

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

Vehicle Number: **99709 940911-9**

First of Class	No
Certificate Number of First of Class	AC/0067/19

Authorised by:



Alastair W.R. Roberts
AEGIS PAB Signatory

Official Stamp



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

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

Machine Data

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

Approved Values

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

Approved Track Conditions

	Travelling Mode	Working Mode	On/off-tracking
Maximum gradient	1:25	1:25	1:25
Maximum cant	150 mm	150 mm	150 mm
Minimum curve radius	50 m	50 m	

Approved Maximum Speeds

	Travelling Mode	Working Mode
Plain Line	15 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	8 mph	5 mph
Recovery	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 30233 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	KMTPW032PKUF30233
Fleet Number	RRV154

Authorised by:

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