

## ON-TRACK PLANT

### ENGINEERING CONFORMANCE CERTIFICATE

This certificate is issued in accordance with RIS-1710-PLT Issue 2.1

<b>NAME OF CERTIFICATION BODY</b>	<b>ACCREDITATION CODE</b>
<b>AEGIS Certification Services Ltd</b>	<b>AC</b>

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<b>Machine Class/Description</b>	AJH Plant / Komatsu PW160-7 (Type 9B)
<b>Machine Owner</b>	L&W Contractors Ltd
<b>Issue Date</b>	18th August 2022
<b>Expiry Date</b>	18th August 2029

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**Machine Number:**           **99709 940994-5**

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<b>First of Class</b>	Yes
<b>Certificate Number of First of Class</b>	AC/0333/22

**Authorised by:**



Alastair W R Roberts  
AEGIS PAB Signatory



10221

**Official Stamp**



#### Reason for Issue and Scope of Work

Previous Certificate:

RCI Software update only. No engineering change.

The vehicle is fitted with an electronic slew and height limiting system through the Prolec PME Rail RCI which has been approved by Network Rail Technical Services, document reference MLD/L048: Approval of

MLD031: Rexquote / Prolec PME Rail Slew and Height Limiter Komatsu PW 160, against RIS-1530-PLT Issue 4 and Network Rail remit MLD/R003 for slew and height limiting devices.

**Network Rail Asset Info. Copy**

**Certificate Number: AC/0333/22**

Expiry date conforms to the requirements of RIS-1530-PLT.

This certificate:

Change to POV number.

First approval to RIS-1530-PLT issue 6.

**Deviations Associated with this Certificate**

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

**Previous Certificate Number:** 21/0931/17

**Approved User Documentation**

<b>ID No.</b>	<b>Title</b>	<b>Issue No.</b>	<b>Date</b>
HMM0022	Operation and Maintenance Manual	B	09/08/2022

**Machine Data**

<b>Gross Mass</b>	25,100 kg	<b>Work equipment gauge exceedance</b>	6300 mm
<b>Gauge</b>	Plant	<b>Tailswing Height</b>	1390 mm
<b>Tailswing gauge exceedance</b>	685 mm	<b>Hydraulic service brake pressure</b>	85 bar
<b>Hydraulic park brake pressure</b>	65 bar	<b>Air park brake pressure</b>	8 bar
<b>Air service brake pressure</b>	8 bar	<b>Software version (inc. RCI)</b>	9.58

**Approved Values**

<b>Maximum number of people</b>	2	<b>Maximum non-service braked towed load</b>	0 (zero) kg
<b>Maximum towed load</b>	80,000 kg	<b>Maximum number of trailers</b>	4
<b>Main load lifting point SWL</b>	10 000 kg	<b>Quick Hitch SWL</b>	13 000 kg
<b>Auxiliary lifting point SWL</b>	7 500kg		

**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>	150mm	150 mm	150 mm
<b>Minimum curve radius</b>	50 m	50 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	Yes	Yes
	<b>Isolated</b>	Yes	Yes	Yes
<b>3<sup>rd</sup> / 4<sup>th</sup> Rail</b>	<b>Live</b>	No	No	No
	<b>Isolated</b>	Yes	Yes	Yes

### Approved Maximum Speeds

	<b>Travelling Mode</b>	<b>Working Mode</b>
<b>Plain Line</b>	15mph	5 mph
<b>Switches and Crossings</b>	5mph	5 mph
<b>Raised check and guard rails</b>	5mph	5 mph
<b>Reverse</b>	5mph	5mph
<b>Towing</b>	8mph	5 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 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 is suitable for on/off-tracking, traveling and working 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 6.
2. The machine is fitted with a: 2.0m Boom+ 3. m Arctic + 2.5 Dipper
3. The machine is approved for use with a Miller Komatsu PC130 PL Coupler Quick Hitch
4. The machine is fitted with a High Performance Movement Limiting Device.
5. Duty chart reference: Komatsu Pw160-7 H55873 2.0m+3.4m+2.5m 15-Aug-2022

Serial Number	H55873
Fleet Number	RRV142
Rexquote number	2359

**Authorised by:**

Alastair W R Roberts  
AEGIS PAB Signatory