

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 Komatsu PC138US (Type 9A)
Machine Owner Story Plant Ltd
Issue Date 22nd September 2023
Expiry Date 22nd September 2030

Machine Number: **99709 911099-8**

First of Class No
Certificate Number of First of Class AC/0373/23

Authorised by:


ACS-ACL-122
B. A. Clarke
AEGIS PAB Signatory



Official Stamp



Reason for Issue and Scope of Work

Previous Certificate:

Change of owner only and extension of expiry date as permitted by deviation TR55213. No engineering changes.

This certificate:

Installation of approved InTeEx RCI system.
Upgrade of machine to meet the requirements of RIS-1530-PLT Issue 6
Maximum on/off tracking upgraded to 150mm.

Deviations Associated with this Certificate

Tracker Number None
Description None

Previous Certificate Number: 21/0358/21

Approved User Documentation

ID No.	Title	Issue No.	Date
HMM0041	Komatsu PC138 Operation & Maintenance Manual	A	05/07/2023

Machine Data

Gauge	W6A	Gross Mass	18 000 kg
Work equipment gauge exceedance	5410 mm	Tailswing gauge exceedance	210 mm
Tailswing Height	1220 mm	Software version (inc. RCI)	7.2.7

Approved Values

Maximum number of people	1 (one)	Main load lifting point SWL	10 000 kg
Auxiliary lifting point SWL	5 000 kg	Maximum towed load	0 kg (Zero)
Maximum number of trailers	0 (Zero)	Maximum non-service braked towed load	0 kg (Zero)

Approved Track Conditions

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

Use in Electrified Areas

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

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	3 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. Ground staff shall control reverse movements.
13. 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.
14. The machine is suitable for On/off-tracking, traveling and working under live OLE when used in conjunction with a safe system of work.
15. The machine shall not travel on live conductor rail lines.
16. The machine shall not work on live conductor rail lines.
17. The machine shall not be used predominantly in enclosed locations.
18. 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.
19. 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 a Komatsu PC138 road rail conversion upgraded by Allan J Hargreaves
3. The machine is fitted with a 1.965m Base, 3.23m Artic & 2.10m Dipper
4. The machine is fitted with a High Performance Movement Limiting Device.
5. Duty chart reference: InTeEx RCI System PC138 17016 3 piece boom, Boom 1.956m, Artic 3.2m and Dipper 2.10m Dated 19/09/2023.

Serial Number	6098
Fleet Number	1117-08
