

ON-TRACK PLANT

ENGINEERING CONFORMANCE CERTIFICATE

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

NAME OF CERTIFICATION BODY

ACCREDITATION CODE

AEGIS Certification Services Ltd

AC

Machine Class/Description Liebherr A924 Rail-1510 (Type 9B)

Machine Owner Story Contracting Limited

Issue Date 12th February 2021

Expiry Date 12th February 2028

Machine Number: **99709 940949-9**

First of Class No

Certificate Number of First of Class AC/0058/21

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:

New build machine to RIS-1530-PLT issue 6.

Deviations Associated with this Certificate

Tracker Number None
Description None

Previous Certificate Number: N/A – First Certificate

Approved User Documentation

ID No.	Title	Issue No.	Date
HMM0015	Liebherr A924 Rail-1510 Operation and Maintenance Plan	B	24/11/2020

Machine Data

Gross Mass	24 400 kg	Gauge	Plant
Travelling mode Plant Gauge exceedance	114 mm vertically in lower sector W6a Gauge compliant		
Tailswing gauge exceedance	700 mm	Tailswing Height	1425 mm
Front end equipment gauge exceedance	5690 mm	Front end equipment gauge exceedance (w. Rhino horn)	8690 mm
Hydraulic park brake pressure	100 bar	Hydraulic service brake pressure	80 bar
Air service brake pressure	8.5 bar	Air park brake pressure	8.5 bar
Software version (inc. RCI)	9.58		

Approved Values

Main load lifting point SWL	10 000 kg	Auxiliary lifting point SWL	7 500 kg
Rhino Horn SWL	3 000 kg		
Maximum towed load	80 000 kg	Maximum number of trailers	4
Maximum non-service braked towed load	0 (zero) kg	Maximum number of people	2

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	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
3 rd / 4 th Rail	Live	No	No	No
	Isolated	Yes	Yes	Yes

Approved Maximum Speeds

	Travelling Mode	Working Mode
Plain Line	12.5 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

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 first approval was assessed against RIS-1530-PLT issue 6.
2. The machine is fitted with:
 - Three-piece boom: 2.08m + 3.40m + 1.85m
3. The machine is approved for use with:
 - AJH 1001-3511 "rhino horn" extended jib lifting attachment
4. The machine is fitted with a High Performance Movement Limiting Device. The Movement Limiting Device is considered to be High Performance when using the Rhino Horn lifting attachment.
5. Duty chart reference: Liebherr A924, K122299, 11-Feb-2021

Serial Number	WLHZ1510EZK122299
Fleet Number	RRVW1337

Authorised by:

Alastair W R Roberts
AEGIS PAB Signatory