



## ON-TRACK PLANT

### ENGINEERING CONFORMANCE CERTIFICATE

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

<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>	Liebherr A924 Rail-1510 (Type 9B)
<b>Machine Owner</b>	Story Plant Ltd
<b>Issue Date</b>	16 <sup>th</sup> April 2021
<b>Expiry Date</b>	16 <sup>th</sup> April 2028

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**Machine Number:**        **99709 940952-3**

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<b>First of Class</b>	No
<b>Certificate Number of First of Class</b>	AC/0058/21

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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:  
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**

<b>ID No.</b>	<b>Title</b>	<b>Issue No.</b>	<b>Date</b>
HMM0015	Liebherr A924 Rail-1510 Operation and Maintenance Plan	C	08/03/2021

**Machine Data**

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

**Approved Values**

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

**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>	80 m	80 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>	12.5 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

**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, K127866, 14-Apr-2021

Serial Number	WLHZ1510CZK127866
Fleet Number	RRVW1341

Authorised by:

Alastair W R Roberts  
AEGIS PAB Signatory