

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 Liebherr R920 - (Type 9A)

Machine Owner Story Plant Ltd

Issue Date 22nd July 2025

Expiry Date 11th July 2032

Machine Number: **ZZ709 911469-3**

First of Class No

Certificate Number of First of Class AC/0113/25

Authorised by:



ACS-ACL-1709

B. A. Clarke
AEGIS PAB Signatory



10221

Official Stamp



Reason for Issue and Scope of Work

Previous Certificate:
N/A – New build.

This certificate:
First approval to RIS-1530-PLT issue 7.2

Deviations Associated with this Certificate

Tracker Number None
Description None

Previous Certificate Number: N/A – New build

Approved User Documentation

| ID No. | Title | Issue No. | Date |
|---------------|---|------------------|-------------|
| HMM0021 | Liebherr R920 Rail Operation & Maintenance Manual | D | 30/05/2024 |

Machine Data

| | | | |
|---|-----------|--------------------------------------|---------|
| Gross Mass | 31,800 kg | Gauge | Plant |
| Work equipment gauge exceedance | 6290 mm | Tailswing gauge exceedance | 673 mm |
| Tailswing Height | 1,413 mm | Hydraulic park brake pressure | 60 bar |
| Hydraulic service brake pressure | 60 bar | Air park brake pressure | 8.5 bar |
| Air service brake pressure | 8.5 bar | Software version (inc. RCI) | 9.61 |

Approved Values

| | | | |
|------------------------------------|----------|--|-------------|
| Maximum number of people | 1 | Main load lifting point SWL | 10,000 kg |
| Auxiliary lifting point SWL | 7,500 kg | Maximum towed load | 80,000 kg |
| Maximum number of trailers | 4 | Maximum non-service braked towed load | 0 (Zero) kg |

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 |
| 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 | 5 mph |
| Towing | 8 mph | 5 mph |

Limitations of Use

1. The machine is not permitted outside of a possession.
2. 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.
3. 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.
4. 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.
5. Not to be used ALO on LU.
6. 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.
7. The maximum number of towed / propelled trailers shall not exceed the value given in the Machine Data section of this ECC.
8. The maximum towed / propelled load shall not exceed the value given in the Machine Data section of this ECC.
9. The hydraulic braking system may be used if the host machine is not compatible with the air brake system, however if the host machine is compatible, the air brake system shall be used.
10. The machine shall not exceed any speeds given in the Approved Maximum Speeds section of this ECC.
11. The CCTV system shall be used to control reverse movements.

12. The machine is suitable for On/off-tracking, traveling and working under live OLE when used in conjunction with a safe system of work.
13. The machine shall not travel on live conductor rail lines.
14. The machine shall not work on live conductor rail lines.
15. 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.
16. 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 7.2.
2. The machine is fitted with:
 - 2.08m Boom, 3.61m Artic, 2.26m Dipper
3. The machine is approved for use with the following attachments:
 - AJH 1001-3511 "rhino horn" extended jib lifting attachment
4. The machine is fitted with a High Performance Movement Limiting Device.
5. Duty chart reference: Liebherr 920 - 57902 - 7-Jul-2025
6. This machine can be used with all compatible personnel carriers.

| | |
|---------------|----------|
| Serial Number | 57902 |
| Fleet Number | RRVT1381 |