



## ON-TRACK PLANT

### ENGINEERING CONFORMANCE CERTIFICATE

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

**NAME OF CERTIFICATION BODY**

**ACCREDITATION CODE**

**AEGIS Certification Services Ltd**

**AC**

**Machine Class/Description** Richter & Muller Ballast Broom type 0D

**Vehicle Owner** William Bradshaw Plant Hire

**Issue Date** 01/02/2019

**Expiry Date** 29/01/2026

**Vehicle Number:** **99709 000135-2**

**First of Class** Yes

**Certificate Number of First of Class** AC/0019/19

**Authorised by:**



Alastair W.R. Roberts  
AEGIS PAB Signatory

**Official Stamp**



#### Reason for Issue and Scope of Work

Previous Certificate:

Certification of upgraded Richter & Muller Ballast Broom, Type SB1. Bradshaw Fleet No. 114.

Assessed for compliance with RIS-1530-PLT. Issue 2.

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

This certificate:

Upgrade to RIS-1530-PLT issue 6.

**Network Rail Asset Info. Copy**

**Certificate Number: AC/0019/19**

**Deviations Associated with this Certificate**

**Reference** Tracker Number 30066  
**Title** Rail Industry Standard for Technical Requirements for On-Track Plant and their Associated Equipment and Trolleys. RIS 1530-PLT-Issue 6.  
 5.21.3.3 wheel profile, 5.21.4 Rail wheel spacing.

**Previous Certificate Number: IF/0529/11**

**Approved Maintenance Instructions**

ID No.	Title	Issue No.	Date
SB1	R&M Ballast Brush Instruction Handbook, Operation, maintenance and Parts	3	20/02/2017

**Machine Data**

<b>Tare Mass</b>	2600 kg
<b>Gauge</b>	Plant (with exceedances)

**Approved Track Conditions**

	Travelling Mode	Working Mode	On/off-tracking
<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>	50 m	50 m	

**Approved Maximum Speeds**

<b>Plain Line</b>	10mph
<b>Switches and Crossings</b>	5mph
<b>Raised check and guard rails</b>	5mph

**Limitations of Use**

1. The machine shall not be used outside a possession.
2. The machine shall not be used on track conditions in excess of those given in the Approved Track Conditions section of this ECC.
3. The machine speed shall not exceed the values given in the Approved Maximum Speeds section of this ECC.
4. Machine exceeds plant gauge in travelling and working mode in the following ways;
  - Travelling mode - left hand side of the machine: 116mm

- Travelling mode – right hand side of the machine: 71mm
  - The ballast discharge doors can exceed gauge by up to 490mm when in working mode, depending on the position of the doors.
5. Rubber skirts may exceed Plant gauge 150 mm below gauge line. A site survey shall be undertaken to assess potential damage to infrastructure equipment prior to use.
  6. This 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.
  7. The side doors may be required to be opened prior to beginning working; access to the side of the machine may be required. Control of the adjacent line on the side of the machine which requires the doors to be opened shall be under the control of the Engineering Supervisor.
  8. This machine is suitable for use under the live OLE when used in conjunction with a safe system of work.
  9. Machine not permitted in live conductor rail areas.
  10. The limitations of the host RRV shall apply to this machine when being propelled or powered by an RRV.
  11. Machine will not activate train operated points.
  12. The machine does have a load carrying capability.

**Supplementary Information**

1. This machine's re-approval for seven years was assessed against RIS-1530-PLT issue 6.
2. Configuration: ballast broom with fail-safe breakaway system.
3. Machine is incapable of moving along the track when disconnected from the host machine.

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Fleet Number	114
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**Authorised by:**

Alastair W.R. Roberts  
AEGIS PAB Signatory

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