



## On-Track Plant Engineering Conformance Certificate

In accordance with RIS-1530-PLT – Issue 6

Certificate no.: 71/1012/22

Report no.: TRUK/B 22/007, (Issue 1, 14/01/2022). This report is an integral part of this Certificate.

<b>Name of Plant Assessment Body</b>	TÜV Rheinland UK Limited 5 Mallard Way Pride Park Derby, DE24 8GX United Kingdom	<b>Organisation Code :</b>	71
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<b>Vehicle Class / Description</b>	000/Richter & Muller/Ballast Brush/0D
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<b>Vehicle Asset Manager</b>	W M Bradshaw
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<b>Issue Date</b>	14-01-2022
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<b>Expiry Date (if any)</b>	14-01-2029
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<b>Vehicle Number(s)</b>	99709 000140-2
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<b>First in Class:</b>	Yes
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<b>Certificate No. of First in Class:</b>	99709 000140-2 on certificate 71/1012/22, against RIS-1530-PLT Issue 6.
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Authorised by:

Official Stamp of TRUK, CAB Rail



Esig: NDC/TUV/22/038

<b>Certifier / Signatory Name</b>	<b>Neil Charles Senior Engineer</b>
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### Reason for Issue and Scope of Work

Reason for Issue:  
Certification of Richter & Muller Ballast Brush.

Serial No. B/J/M-008-7. Fleet No. 37.

Assessed for compliance with RIS-1530-PLT, Issue 6.  
Expiry date conforms to the requirements of RIS-1530-PLT.

Scope of Work  
Certification of Richter & Muller Ballast Brush.

**Deviations associated with this Certificate (if none state "NONE")**

NONE

**Previous Certificate No.**  
(if none state "NONE"): NS/5231/12

### Maintenance Instruction Details

**Maintenance Instruction Title:** Instruction Handbook – Operation, Maintenance and Parts for Ballast Brush

**Maintenance Instruction Number:** SB 1 Ballast Brush

**Issue No.:** 3

**Date:** 20/02/2017

**Limitations of Use (these words are mandatory where applicable)**

1. The Ballast Brush shall only operate inside a possession.
2. In working mode on plain line the Ballast Brush is within the W6a gauge as defined by RIS-1530-PLT, except when the ballast ejection hatch is open as the hatch exceeds gauge horizontally.  
The ballast brush shall be lifted over all track features such as switches, crossings and checkrails, unless otherwise permitted by the safe system of work for the possession.  
A site survey shall be undertaken to assess potential damage to infrastructure equipment prior to use.
3. It shall not travel or work on track with:
  - Cant greater than 150mm;
  - Gradients greater than 1:25.
  - Curves less than 80m.
4. It shall not On/Off track on track with:
  - Cant greater than 100mm;
  - Gradients greater than 1:25.
  - Curves less than 80m.
5. For On/Off tracking, a site specific work plan shall be used. The work plan shall be in compliance with the applicable module of Network Rail Infrastructure Plant Manual NR/L2/RMVP/0200.
6. The Ballast Brush is permitted to On/Off track and work under live OLE, when used in conjunction with a safe system of work determined and authorised by taking guidance from the requirements of and subject to:
  - Minimum OLE wire height of 4.165m;
  - A check of the earth bonds for presence and security prior to use.
7. The Ballast Brush must be placed on or off track by authorised personnel in accordance with rules and regulations, equipment operating instructions, and the operators declared safe system of work.
8. The Ballast Brush is permitted for use over isolated conductor rails in accordance with the operating instructions.
9. The Ballast Brush may be used with adjacent lines open to traffic but only if the safe system of work has taken account of any gauge exceedance.
10. The limitations of the RRV, to which the Ballast Brush is attached, shall also apply.

**Supplementary Information - (Optional – minimum requirements where applicable)**

1. Manufacturer serial number; B/J/M-008-7, Owners Fleet Number; 37.
2. The Ballast Brush operates in low-mode only and has no personnel or load carrying areas.
3. Gross weight is 2,850kg.
4. Maximum permitted speeds:
  - Working and travelling speed – 10 mph.