

# Certificate of Authorisation of Variation

Classification: NC1

## Standard Details

**Title:** Rail Industry Standard for Technical Requirements for On-Track Plant and their Associated Equipment and Trolleys  
**Ref:** RIS-1530-PLT                      **Issue No.** 6                      **Date of Issue:** 5 December  
**Clauses:** Clause 5.7  
**Function:** Rail Mounted Vehicle & Plant

## Variation Details

**Route / Project:** HQ  
**Delivery Unit(s) / Area(s):** National

**Type:** Temporary Variation  
**Applicant:** William Bradshaw Ltd  
**Tracker No:** 30447

## Summary of Variation

Extension of life cycle for 2 years is sought from 25th March 2017 (current expiry date).

1. Cost implications as a result of changes to Network Rail Standards.
2. Heavy loading of converters as a result of changes to Network Rail Standards.
3. Greater time required to upgrade due to compatibility issues as a result of changes to Network Rail Standards.

## Action to Achieve Compliance

Upgrade plan and compatibility completion agreed with Adrian Phillips for host machines and trailers.

## Certificate Conditions

## Geographical Scope/Equipment Involved

National

Philmor Rail Trailers:

Fleet no. 87 Type 5012HS Network Rail ID 99709011417-1.

Fleet no. 92 Type 5012HS Network Rail ID 99709011401-5

Fleet no. 104 Type 5012HS Network Rail ID 99709011400-7.

Fleet no. 105 Type 5012HS Network Rail ID 99709011393-4.

Fleet no. 109 Type 5020HS Network Rail ID 99709010491-7.

## Brief Details of Requirements

Clause 5.7.1 states:

All OTP shall have a braking system compliant with 5.7.2, 5.7.3 and 5.7.4, as appropriate. As set out in 5.7.4 all service brakes shall be fitted with air transmission medium between machines.

## Action Taken & Why Not Practicable

Completion of life extension application checklist and the requirements contained therein.

The vehicle has been scheduled to be upgraded within the next 18 months.

## **Severity/Degree**

The general condition of the vehicle was satisfactory and in the opinion of the engineer who carried out the assessment it would not pose a risk from a further extension to current EAC expiry date.

This is the first time this vehicle have been subject to a request for an extension of its EAC expiry date.

## **Control of Risk During Period of Variation/Alternative Measures**

No risk assessment required.

No risk to health and safety.

Trailer type proven track record of safe use over 20 years.

Maintenance and inspections shall be carried out in accordance with the certified Maintenance Plan for the duration of the Life Extension.

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<b>Authorised By</b>	Malcolm Miles - Head of Plant	<b>Certificate Issued Date</b>	16 March 2017
<b>Reviewed By</b>	Ian Morgan - Principal Plant Engineer	<b>Certificate Expiry Date</b>	31 March 2019
<b>Actioned By</b>	Mike Lomas - Senior Engineer		