



Deviation from a Railway Group Standard

(In accordance with the Railway Group Standards Code, Issue Four, part 7)

Deviation Number: 13/113/DEV

1. Start and End Date:

N/A

2. Details of applicant:

, Head of Engineering, Freightliner Ltd, The Podium, 1 Eversholt Street, Euston, London NW1 2FL

3. Your reference number:

N/A

4. Status of applicant:

Railway Undertaking, RSSB Member

5. Title of certificate:

Railway Wheelsets.

6a. Details of Railway Group Standard (RGS):

RGS Number:	Issue No:	Issue Date:	Title:
GM/RT2466	Three	February 2010	Railway Wheelsets

6b. RGS clause(s):

3.5.2

6c. RGS clause requirements:

“3.5.2 Wheelset electrical continuity

3.5.2.1 The wheelset shall be tested to comply with the requirements of the respective standard.”

7. Scope of deviation:

All wheelsets used on Network Rail managed infrastructure that are of a monobloc all steel construction with an interference fit between wheel and axle.

8. Duration of the deviation:

Permanent.

9. Method of elimination:

N/A

10. Impacts of complying with the current RGS requirement:

The standard mandates that electrical testing is performed on all wheelsets in accordance with applicable standards.

Introduction of this additional requirement would entail the development of test equipment and the revision of existing maintenance instructions. The likely costs involved are deemed to be disproportionate to the benefits expected.

11. Proposed alternative provisions:

For all existing wheelsets within the scope of this deviation and that have operated successfully over all routes on the Network Rail managed infrastructure, there are no known records that indicate a failure to operate track circuits due to a failure of electrical continuity within the wheelset assembly. Therefore, applying the principles of the Common Safety Method on Risk Evaluation and Assessment, it can be judged to be a 'reference system'. A reference system 'means a system proven in use to have an acceptable safety level and against which the acceptability of the risks from a system under assessment can be evaluated by comparison;' as defined in COMMISSION IMPLEMENTING REGULATION (EU) No 402/2013.

12. Impacts of the alternative provisions:

N/A

13. What other options have been considered?

N/A

14. Consultation with affected parties

This deviation affects a wide number of interested parties; all represented at Rolling Stock Standards Committee and no further consultation is deemed necessary.

15. Additional actions/observations:

Upon receipt, the applicant is required to identify affected, interfacing parties and copy this certificate, together with supporting information, to those parties.

This certificate is superseding part of 05/063/NC which was originally issued against clauses F2.5, F4.1.4 and F4.6.12 of GM/RT2466 Issue 1. The points raised against F2.5 and F4.1.4 have been addressed in Issue 2 of GM/RT2466; however, a deviation is required against the point raised against 3.5.2 – Wheelset electrical continuity in Issue 3 of GM/RT2466, hence the request of this certificate.

16. Signature of applicant:

, Head of Engineering

Date of application:

11/07/2008

17. Lead Standards Committee details:**Name of Committee:**

Rolling Stock

Date of meeting

02/08/2013

Minute reference:

13/RST/08/205

Authorised by:

Signed by Cliff Cork on 14/08/2013

Date of Authorisation:

14/08/2013

Cliff Cork

Head of Delivery, Infrastructure and Rolling Stock