

Mr. Paul Carter  
Design Assurance and Authorisation Manager  
Bombardier Transportation UK Ltd.  
Registered Office: Litchurch Lane,  
Derby,  
DE24 8AD

Case Ref PRM-IOP-0227  
EIN UK/51/2024/0005

16<sup>th</sup> September 2024

**Contact: Paul Fray**  
HM Inspector of Railways  
25 Cabot Square  
London  
E14 4QZ

Dear Mr. Carter

**THE RAILWAYS (INTEROPERABILITY) REGULATIONS 2011, AS AMENDED  
AUTHORISATION OF CLASS 710/1 AND CLASS 710/2 MULTIPLE UNIT AS 3 X  
4-CAR UNITS (12 CARS) CLASS 710/1 OR CLASS 710/2 4-CAR  
CLASS 710/3 5-CAR UNITS AS 4+5-CAR UNITS (9 CARS)**

**UNIT NUMBERS (INCLUSIVE):**

- **710/1: 710101 – 710130**
- **710/2: 710256 – 710273**
- **710/3: 710374 – 710379**

I refer to your application for authorisation, received on the August 29<sup>th</sup> 2024.

Following review of your application, I can confirm that ORR grants an upgraded authorisation under Regulation 4(1)(a) of the Railways (Interoperability) Regulations 2011, as amended.

The restrictions or limitations of use on the structural subsystem are those contained in your UK Declaration of Verification reference 3EER400028-2717\_E dated 29 August 2024 and contained in your Technical File 3EER400027-4839\_E. I also refer to your Article 16 Declaration 3EER400028-2717\_E

The Technical File should be kept up to date.

There are no additional conditions.

The rolling stock subsystem(s) authorised by this letter must be operated and maintained in accordance with Regulation 20.

You should be aware that any future modifications to the authorised subsystem may constitute a 'renewal' or an 'upgrade' as defined in Regulation 2. If a project entity, in relation to the project, considers that the modification meets either of these definitions they may apply, in accordance with the provisions of Regulation 13, to the Department for Transport (DfT) for a decision on whether a new authorisation will be required. Should DfT decide that an authorisation is not required they must consult with ORR whether authorisation is required on safety grounds.

As the project entity you are responsible for retaining the technical file, keeping it up to date and making it available to the ORR in accordance with Regulations 18 and 19.

If you are not the owner of the authorised subsystem you shall within 60 days, in accordance with Regulation 19(3), transfer the technical file, certificate of verification and verification declaration to the owner of the subsystem and the owner shall then be regarded as the project entity. If the owner, in accordance with Regulation 19(4), disposes of his interest in the authorised subsystem, he shall within 60 days of the disposal transfer the technical file, certificate of verification and verification declaration to the person acquiring that interest and that person shall be regarded as the project entity.

Please note that under Regulation 36, the person who applied for the authorisation shall send particulars to the Registration Entity to enable the registration entity to enter the information on the National Vehicle Register. This will include such further information as the registration entity may reasonably require set out in the relevant standard.

The person who applied for the authorisation to place in service will be issued with a determination of type in accordance with Commission Implementing Decision 2011/665/EC. The person who applied for the authorisation to place in service will receive the type authorisation after providing the data to the Registration Entity in accordance with Annex II of Commission Implementing Decision 2011/665/EC.

If you are the operator, may I remind you of the need to have adequate arrangements within your Safety Management System to control the risks associated with this rolling stock subsystem(s).

This decision letter will be published on ORR website.

Yours sincerely

**Steve Fletcher**  
**Deputy Director, Engineering & Asset Management**

Cc

Richard Hines	Director, Railway Safety Directorate, ORR
James Le Grice	Head of Interoperability, DfT
National Vehicle Register	<a href="mailto:nvr@networkrail.co.uk">nvr@networkrail.co.uk</a>
Matthew Farrell	Head of Inspection Team (South)
Giles Turner	Head of Interoperability, ORR
Dave Galloway	Professional Head of System Compatibility, NR