

Mr. Paul Carter  
Design Assurance & Authorisation Manager  
Bombardier Transportation UK Ltd. (T/A Alstom)  
Litchurch Lane,  
Derby,  
DE24 8AD

Case Ref PRM-IOP-0423  
EIN UK/51/2022/0008

19<sup>th</sup> October 2022

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

Dear Mr. Carter

**THE RAILWAYS (INTEROPERABILITY) REGULATIONS 2011, AS AMENDED  
AUTHORISATION OF CLASS 720/6**

**UNIT NUMBERS (INCLUSIVE): 720601 - 720612**

I refer to your application for authorisation, received on the July 5<sup>th</sup> 2022.

Following review of your application, I can confirm that ORR grants authorisation under regulation 4 (1) (a) of the Railways (Interoperability) Regulations 2011, as amended. This authorisation is for the placing into service Class 720/6 vehicles as per Appendix 1.

I refer to your UK Declaration of Verification, reference 3EER400032-8133 dated 5<sup>th</sup> July 2022.

The restrictions or limitations of use on the structural subsystem are those contained in your Declaration of Verification dated 5<sup>th</sup> July 2022 and contained in your Technical File, reference 3EER400032-3687

Conditions of Use Inherent in the Vehicle Design are recorded in document 3EER400031-4480.

The Technical File should be kept up to date.

## Additional Conditions of Use Inherent in the Vehicle Design

You should implement the recommendations of QRA DSRA 345 K1 258424 Rev 04 dated 30th June 2022 before putting into use.

Where individual recommendations cannot be implemented before putting into use, a time bound plan shall be drawn up, submitted, and agreed with ORR before vehicles are put into use.

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

Ian Prosser	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

Appendix 1

UNIT	DM1	PML	M2	M3	DTLW
720601	450601	451601	452601	453601	459601
720602	450602	451602	452602	453602	459602
720603	450603	451603	452603	453603	459603
720604	450604	451604	452604	453604	459604
720605	450605	451605	452605	453605	459605
720606	450606	451606	452606	453606	459606
720607	450607	451607	452607	453607	459607
720608	450608	451608	452608	453608	459608
720609	450609	451609	452609	453609	459609
720610	450610	451610	452610	453610	459610
720611	450611	451611	452611	453611	459611
720612	450612	451612	452612	453612	459612