



Department  
for Transport

## **The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2009**

### **Authorisation No 839 Rev. 3**

#### **Applicable to carriage by road only**

This authorisation is given in accordance with Regulation 12 of the Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2009 (as amended) (CDG 2009).

#### **PURPOSE**

To permit the use in Great Britain of the tanks identified in the schedules to this authorisation that have been designed and constructed such that the material thicknesses of the tank shell, or partitions, or surge-plates, whilst being below the minimum thicknesses required in 6.8.2.1.18 to 6.8.2.1.21 in the case of Chapter 6.8 tanks, or in 6.10.1.2.1 in the case of Chapter 6.10 tanks, in the European Agreement Concerning the International Carriage of Dangerous Goods by Road (ADR), are conversely not less than the corresponding minimum thicknesses required by the relevant applicable requirements<sup>1</sup>.

#### **TIME LIMIT**

Unless otherwise revoked or superseded, this authorisation shall be valid for each of the tanks identified in the schedules to this authorisation until such time that the tank in question does not possess a current Authorised Tank Inspection Certificate<sup>2</sup> that has been issued by

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<sup>1</sup> For the tank in question:

- the minimum thickness cited in ADR 6.8.2.1.17 (other than the minimum thicknesses required in ADR 6.8.2.1.18 to 6.8.2.1.21 referenced therein) for a Chapter 6.8 tank, or the minimum thickness cited in ADR 6.8.2.1.17 to 6.8.2.1.21 for a Chapter 6.10 tank, and
- the relevant applicable standard in publication at the time of design and construction or in force on the date of entry into service, and the corresponding relevant applicable requirements in regulations in force on the date of entry into service, or where no such standard exists or the date of entry into service is not known, the earliest relevant applicable standard and the corresponding relevant applicable requirements in the regulations existent at the time of publication or on the date of entry into force of the earliest relevant applicable standard.

<sup>2</sup> An inspection certificate which clearly identifies the tank in question as a tank authorised under this authorisation and satisfies the requirements in paragraph 7 of the alternative carriage provisions herein.

a suitably accredited inspection body<sup>3/4</sup> appointed by the competent authority in Great Britain.

## ALTERNATIVE CARRIAGE PROVISIONS

1. This authorisation is limited to use only in Great Britain and applies only to the tanks identified in the schedules to this authorisation, which are published on the website of the Vehicle Certification Agency Dangerous Goods Office.
2. Each tank shall have been issued with a declaration and a list of the relevant supporting technical documents by a suitably accredited inspection body appointed by the competent authority in Great Britain to confirm that other than for the exception(s) permitted by this authorisation, the tank in question complies with the requirements of ADR, in particular ADR 6.8.2.1.1, ADR 6.8.2.1.2, ADR 6.8.2.1.15 and ADR 6.8.2.1.16<sup>5</sup> at the maximum gross design weight of the tank-vehicle, including that of the tractor if the tank-vehicle is a trailer, and satisfies the corresponding minimum thicknesses required by the relevant applicable requirements.
3. Each tank operating under this authorisation shall henceforth be certified as an Authorised Tank and shall remain as such only whilst it conforms in all respects with ADR, except for the requirements set out in this authorisation. When certified as an Authorised Tank, by way of the declaration and an Authorised Tank Inspection Certificate both issued for the tank by a suitably accredited inspection body appointed by the competent authority in Great Britain, the plate required by ADR 6.8.2.5.1 shall be marked with the number of this authorisation, including the revision number, alongside the (type) approval number, by stamping or by any other equivalent method.
4. The shell thicknesses of tanks shall:
  - not be less than the corresponding minimum thicknesses required by the relevant applicable requirements, to be recorded on the technical documents and the Authorised Tank Inspection Certificate, taking into account any tolerances,
  - be measured at a sufficient number of different locations to determine, with confidence, whether or not the tank shell is less than the corresponding minimum thicknesses required by the relevant applicable requirements.

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<sup>3</sup> For the first Authorised Tank Inspection Certificate of a tank subject to type approval and an initial inspection and tests, an inspection body, other than the inspection body that performed the type approval and the initial inspection and tests on the tank in question, accredited to perform type approvals and initial inspections and tests on tanks of the type in question.

<sup>4</sup> For the first Authorised Tank Inspection Certificate of a tank not subject to type approval and an initial inspection and tests, an inspection body accredited to perform type approvals and initial inspections and tests on tanks of the type in question.

<sup>5</sup> The values of Re and Rm to be used may be specified minimum values according to the requirements of the specification in the material standard referenced in the material inspection certificate(s).

5. The shell thicknesses of tanks identified in the Schedules shall be measured at each periodic and intermediate inspection. For tanks identified in the schedules whose shell thickness are required to also be measured annually in between periodic and intermediate inspections, records of these annual thickness measurements shall be retained with the tank record and presented at the next periodic or intermediate inspection whichever is the case.
6. All measurements of shell thickness shall be undertaken by a suitably accredited inspection body appointed by the competent authority in Great Britain. If the measurement of shell thickness is less than the corresponding minimum thickness required by the relevant applicable requirements, then the tank shall not be recertified for the carriage of dangerous goods and the Dangerous Goods Division at the Department for Transport and the Dangerous Goods Office at the Vehicle Certification Agency shall be notified and the tank removed from the relevant schedule. The number of this authorisation, including the revision number, which has been marked on the plate required by ADR 6.8.2.5.1 shall also be redacted and the words "Not for ADR" marked alongside the (type) approval number, by stamping or by any other equivalent method.
7. The Authorised Tank Inspection Certificate shall:
  - indicate that ADR 6.8.2.1.1, ADR 6.8.2.1.2, ADR 6.8.2.1.15 and ADR 6.8.2.1.16 at the maximum gross design weight of the tank-vehicle and all relevant aspects of ADR are satisfied other than for those aspects setting out the requirements for minimum material thicknesses,
  - record the corresponding minimum thicknesses required by the relevant applicable requirements as declared in the relevant supporting technical documents,
  - record the material thickness measured at the time of the inspection,
  - identify the substance(s) for which the tank is suitable to carry in transport operations together with any relevant supplementary carriage provision(s) applying to the tank as listed in the schedule to this authorisation, and
  - refer to this authorisation and the schedule in which the tank is identified, together with their respective revision numbers.
8. A copy of this authorisation and the schedule relating to the tank in question, together with the declaration and the list of the relevant supporting technical documents according to alternative carriage provision number 2 above, the current Authorised Tank Inspection Certificate, and if applicable the records of annual thickness measurements required since the date of the current Authorised Tank Inspection Certificate, all issued by an inspection body appointed by the competent authority in Great Britain, shall accompany the tank at all times. This authorisation and the schedule relating to the tank in question shall be drawn to the attention of any inspection body prior to any tank inspection taking place.
9. All other provisions of CDG 2009 shall be complied with at all times.



**Steve Gillingham**

Principal Engineer, Dangerous Goods and Orders Division, Department for Transport, who has been duly authorised to sign in that behalf.

28 May 2021