



ADR Dangerous Goods Driver Training Qualifications Class 7

What are the ADR Dangerous Goods Driver Training Qualifications?

These are the standards of training, assessment and certification for drivers of vehicles containing dangerous goods, based on the training requirements drawn up by the UK legislation and International agreements. They have been developed to make sure that they comply with the Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations (as amended) which apply the provisions of ADR European Agreement concerning the International Carriage of Dangerous Goods by Road Council Directive (as amended).

They are necessary because UK law makes these requirements part of the dangerous goods industry responsibility – a regulatory requirement – to help keep the transportation of dangerous goods safe.

The key areas are

- ◆ The drivers knowledge and skills necessary in their core operational duties
- ◆ The practical application of specific health and safety techniques
- ◆ The preventative and safety measures appropriate to the various types of hazards in Classes 2, 3, 4, 5, 6, 8, 9
- ◆ The specialist knowledge and skills necessary for drivers of vehicles carrying dangerous goods in packages and/or bulk

- ◆ The specialist knowledge and skills necessary for drivers of vehicles carrying dangerous goods in fixed tanks or demountable tanks with a capacity exceeding 1m³, drivers of battery-vehicles with a total capacity exceeding 1m³ and drivers of vehicles carrying dangerous goods in tank containers, portable tanks or MEGCs with an individual capacity exceeding 3m³ on a transport unit
- ◆ The specialist knowledge and skills necessary for drivers of vehicles carrying substances or articles of Class 1
- ◆ The specialist knowledge and skills necessary for drivers of vehicles carrying substances or articles of Class 7

Employers will look for the relevant qualifications when they are appointing new staff for the transportation of dangerous goods. They also expect their existing staff to have these qualifications.

Understanding and applying these skills in these key areas are important because they help you work effectively in your present job and also prepare you for jobs within the sector which you may do in future. Developing your knowledge of the dangerous goods legislation helps you deal with today's rapidly changing world and improve your career prospects. That's also why employers value them.

The Carriage of Dangerous Goods and the Use of Transportable Pressure Equipment Regulations ADR Dangerous Goods Driver Training Class 7 Specialisation Course

What is this unit about?

Drivers of vehicles carrying radioactive materials of Class 7 shall attend a Specialisation training course.

This Class 7 Specialisation course does not cover any other aspect of the ADR course.

What should I know or be able to do before I start?

Completed an ADR course in accordance with its relevant statutory requirements. After having sat the examination and after having attended the specialisation course for carriage of radioactive material of Class 7 the candidate shall be allowed to take part in the corresponding examinations.

It is anticipated that those undertaking this unit will have some relevant knowledge gathered by either working in the freight logistics industry or through prior study.

What will I know or be able to do when I achieve this unit?

On successful completion of this Unit, you should have sufficient knowledge to be able to effectively carry out your role as a driver of dangerous goods for carriage of radioactive material in Class 7 throughout the UK and Europe, as specified in the current ADR and UK Regulations. This qualification will provide sufficient evidence to satisfy the training requirements of the relevant statutory provisions.

What might this involve?

Compulsory attendance on an approved 1 day training course will be required.

A minimum of 8 x 45 minute Teaching Units for initial candidates

A minimum of 3 x 45 minute Teaching Units for refresher candidates

Course Structure

If you are an initial or refresher candidate you must start with the core unit followed by a mode* (packages and/or bulk unit and/or tanker unit) followed by at least one class (this can be either individual class papers or the common characteristics route).

* Candidates who only require Class 1 and/or Class 7 are not required to sit a mode paper, however if they wish to add any of the other classes to their existing entitlement they are required to sit either or both of the mode papers

You can sit this unit as an add on to your existing ADR Driver Training Certificate.

All examinations must be sat at the end of your training course

How will this unit be delivered?

This unit will be delivered in accordance with the prescribed standards in a classroom environment with class participation, together with the use of illustrative examples and visual aids.

The practical exercises for this course will be by means of instruction, followed by an exercise based on a written scenario and completed individually to demonstrate the ability to perform correctly.

How will I show that I have achieved this Unit?

By passing the examination, which consists of at least 20 multiple-choice questions. You must achieve a minimum pass mark of 70%.

On completion, a new certificate will be issued displaying your entitlement for the carriage of radioactive materials in Class 7. This certificate will be valid for the length of any current entitlement.

What can I do next?

Progression routes may include further study towards Specialisation courses for carriage in Tanks and/or Class 1.

What will I have to do?

Undertake refresher training in the year before expiry of any certificate issued if you wish to continue certification.

Further Guidance

This unit is supported by the Department for Transport and HSENI Manual of Practice.

Guidance for instructors

The assessment criteria are detailed in Appendix A.

- ◆ Specific hazards related to ionising radiation
- ◆ Specific requirements concerning packing, handling, mixed loading and stowage of radioactive materials.
- ◆ The special measures to be taken in the event of an accident involving a vehicle carrying radioactive materials.
- ◆ The safe and correct stowage of a variety of packages containing radioactive materials.

ADMINISTRATIVE INFORMATION

Credit Value

To be advised



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Appendix A

Training and Assessment Specification

This appendix provides detailed information on the requirements for the training and assessment.

Subject	Areas to be covered
8. Specific hazards related to ionising radiation	8.1.1 How radioactive materials decay, and the significance for packaging and personal protection of the different forms of radiation and sub hazards. The concept of background radiation 8.1.2 The effects of radiation on human tissue, including long and short term and genetic effects, and the significance of this to the precautions to be taken 8.1.3 The Ionising Radiation Regulations, and operating within the rules which may apply to a controlled area 8.1.4 The concept of radiation dose, the use of personal dosimeters and measurements 8.1.5 Recording of personal radiation doses 8.1.6 The fact that radioactive materials may have other harmful effects, including toxicity, corrosivity, flammability and oxidising, and the significance of these effects in transporting the materials.
Examination Questions: 5	

Subject	Areas to be covered
<p>8. Specific requirements concerning packing, handling, mixed loading and stowage of radioactive materials.</p>	<p>8.2.1 The various methods of radiation protection, including time (i.e. limiting exposure), distance, shielding and hygiene</p> <p>8.2.2 The other modal regulations applying to the transport of radioactive materials</p> <p>8.2.3 The responsibilities of Consignors, Carriers and Drivers in relation to packaging, documentation, vehicle marking, and supervision</p> <p>8.2.4 The placarding and marking of vehicles, Freight Containers, Tank Containers and Tankers</p> <p>8.2.5 The methods and standards of packaging radioactive materials, including fissile material, "excepted", "industrial", "Type A", "special form", the various "Type B" packaging and "Type C"</p> <p>8.2.6 The Package Radiation Categories I, II and III, the Transport Index, the Criticality Safety Index, the maximum limits for individual packages and vehicle loads, special arrangements and the concept of exclusive use</p> <p>8.2.7 Loading and unloading vehicles, the need to segregate certain materials, and the need for minimum handling</p> <p>8.2.8 Suitability of vehicles, and the limitations imposed on some vehicle types, including passenger vehicles. Vehicle equipment</p> <p>8.2.9 The actions to be taken during a journey, including checks before setting out, checks during the journey, supervision and parking carriage of passengers, breakdown procedures and correct delivery procedures.</p>
<p>Examination Questions: 15</p>	

Subject	Areas to be covered
8. The special measures to be taken in the event of an accident involving a vehicle carrying radioactive materials.	8.3.1 Avoidance of contamination 8.3.2 Contacting the Emergency Services 8.3.3 Carriers' emergency provisions 8.3.4 Purpose and function of the NAIR/RADSAFE schemes 8.3.5 Personal decontamination under specialist supervision.
Training Note: This subject to include an exercise based on a written scenario to be completed individually	
Examination Questions: Nil	

Subject	Areas to be covered
8. The safe and correct stowage of a variety of packages containing radioactive materials in a vehicle body.	8.4.1 The safe and correct stowage of a variety of packages containing radioactive materials.
Training Note: This subject to include an exercise based on a written scenario to be completed individually	
Examination Questions: Nil	