



ADR Dangerous Goods Driver Training Qualifications Class 1

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 radioactive material 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 1 Specialisation Course

What is this Unit about?

Drivers of vehicles carrying substances or articles of Class 1 shall attend a Specialisation training course.

This Class 1 Specialisation course does not cover any other aspect of the ADR course.

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

Have completed an ADR course in accordance with its relevant statutory requirements. Having sat the examination and after having attended the specialisation course for substances and articles of Class 1 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 substances and articles in Class 1 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 substances or articles in Class 1. 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 7.

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.

- ◆ The definition of explosives, and the classification of explosives into Divisions and Compatibility Groups.
- ◆ The packaging and labelling of explosives.
- ◆ The loading, unloading and carriage of explosives.
- ◆ The safe and correct loading of a vehicle with various packages of explosives.
- ◆ The special measures to be taken in the event of an accident or incident involving a vehicle carrying explosives.

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
7. The definition of explosives, and the classification of explosives into Divisions and Compatibility Groups.	7.1.1 The distinctive characteristics of an explosive 7.1.2 Detonations, shock waves, deflagrations and pyrotechnics 7.1.3 The Class 1 Divisions, the hazards of each Division, and examples of each division. Unclassified explosives 7.1.4 The compatibility groups, the rules relating to mixed loads, and the allocation of responsibilities 7.1.5 Restrictions on the carriage of certain loads (e.g. Group K) 7.1.6 Definitions of “substance”, “article”, and Net Mass of Explosive
Examination Questions: 5	

Subject	Areas to be covered
7. The packaging and labelling of explosives.	7.2.1 The regulations governing packaging and labelling 7.2.2 UN approved packaging scheme and net contents of explosive 7.2.3 Labelling requirements for outer packaging and unit loads 7.2.4 Checking packages and containers for soundness and security 7.2.5 Certification – UN Approved 7.2.6 Placarding and marking of vehicles and containers 7.2.7 Labelling for subsidiary hazards 7.2.8 The relationships between UK regulations, the IMDG code and ADR
Examination Questions: 4	

Subject	Areas to be covered
7. The loading, unloading and carriage of explosives.	<p>7.3.1 The responsibilities of Consignors, Consignees, Carriers and drivers</p> <p>7.3.2 The types of vehicles permitted to carry explosives, their characteristics and construction</p> <p>7.3.3 Maximum permitted loads by type of vehicle</p> <p>7.3.4 Preparation of vehicles for loading and the loading procedures</p> <p>7.3.5 Stowage, segregation and load security</p> <p>7.3.6 Consignment Notes and description of materials</p> <p>7.3.7 Requirements for vehicle equipment, including fire extinguishers. No difference between Class 1 and other dangerous goods</p> <p>7.3.8 Restrictions on smoking, carriage of sources of ignition and passengers</p> <p>7.3.9 Prohibitions, including certain explosives and certain mixed loads</p> <p>7.3.10 Selection of routes</p> <p>7.3.11 Checks to be made before leaving and during stops</p> <p>7.3.12 Separation distances in convoy and parking</p> <p>7.3.13 Vehicle breakdowns and restrictions on repairs</p> <p>7.3.14 The need for completion without delay, and action in the case of non-delivery</p> <p>7.3.15 The prevention of fire on or near a vehicle and protection against accidental initiation of explosives which are sensitive to electro-magnetic radiation</p> <p>7.3.16 The need for load security, and the measures adopted and the High Consequence Dangerous Goods Card</p>
Examination Questions: 11	

Subject	Areas to be covered
7. The safe and correct loading of a vehicle with various packages of explosives.	7.4.1 The use of mechanical handling 7.4.2 Cleanliness of the vehicle 7.4.3 Minimising load height 7.4.4 Weight distribution 7.4.5 Load restraint 7.4.6 The avoidance of friction
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
7. The special measures to be taken in the event of an accident or incident involving a vehicle carrying explosives.	7.5.1 Clear and prompt communication with the emergency services and the carrier 7.5.2 Fire prevention and dealing with fires in the vehicle and the load 7.5.3 Assessment of the incident 7.5.4 Dealing with the public 7.5.5 Evacuation, including safe distances and hard cover
Training Note: This subject to include an exercise based on a written scenario to be completed individually	
Examination Questions: Nil	