



PENTAGON

DANGEROUS GOODS DIVISION

Courses and Services 2023

www.pentagonfreight.com

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WHAT'S NEW FOR 2023



Due to customer feedback, in 2023 we have added additional dates for ADR driver / CPC courses, this now includes dates to run the same course Monday to Friday as well as the following Monday and Tuesday for the specialised classes of 1 and 7.

We have also now included ADR refresher dates which run from Monday to Friday which includes Explosives and Radioactive material if required.

This course can be only attended by delegates who have at least 6 weeks remaining on their ADR licence.

2023 prices for the above

- The full ADR course price will remain unchanged
- Monday – Friday and following Monday + Tuesday as the standard course - £405.00 + VAT
- SQA exam - £20.00 per exam
- JAUP/T/ CPC £8.75 per day
- ADR Refresher course costs - £310.00 + VAT
- SQA and JAUP/T costs as above

Dangerous Goods Safety Advisor (DGSA)
Changes in the ADR regulations now require any undertaking that consigns, transports, packs, fills, loads or unloads dangerous goods by road must appoint a DGSA (effective 1st January 2023).

Please see page 16 of this brochure for details on DGSA training or our consultancy services.

Should you require more information please do not hesitate to contact a member of the team.

Due to the success of the roll out of our virtual training we will continue to increase the frequency of virtual courses during 2023.

Our virtual training is delivered via Teams and therefore delegates for these courses must have access to an audio and video enabled PC somewhere suitable, and free from interruptions when attending virtual training.

To find out more, how to book, dates and prices please call

+44 1224 405 600

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www.pentagonfreight.com

OVERVIEW

The Pentagon Freight Services Dangerous Goods Division in Aberdeen was set up in February 2010 to satisfy the demands of our client base. Since then we have expanded the services provided to include a comprehensive course portfolio and we offer purpose built training facilities with ample parking.

Throughout this catalogue you can find further information on content and dates.

Our team currently consists of:

Craig Franklin – Dangerous Goods Division Manager, DGSA and CAA approved instructor

Craig joined Pentagon Freight Services in 2010 to set up and manage, the dangerous goods division.

With over 20 years' experience in the dangerous goods field Craig has been involved with sending all types of hazardous shipments including air charters for explosive and radioactive shipments and the packing of infectious substances.

Craig is a CAA approved instructor for the transport of dangerous goods by air and radioactive materials and also teaches the dangerous goods by sea, radioactive material by sea and the ADR road courses as well as the SQA / JAUP approved ADR driver training programme.

Julie Lea – Dangerous Goods Supervisor, CAA approved instructor, DGSA, and Aviation Security Manager

Julie joined Pentagon Freight Services in 2010 assisting Craig in the development and success of the dangerous goods division.

With over 15 years in the aviation industry, Julie gained operational experience prior to moving into training.

Michal Berlik – Dangerous Goods Co-ordinator

Michal joined Pentagon Freight Services in 2011, before joining the dangerous goods division in April 2015. Prior to working at Pentagon Michal studied freight forwarding and economics.

Mark Beniston – Dangerous Goods Co-ordinator

Mark joined Pentagon Freight Services in November 2017 working full time in the dangerous goods division. Prior to joining Pentagon Mark worked within the Materials, Logistics and Supply Chain Management sector of the Oil & Gas industry for over 25 years.

Bob McTavish – CAA approved Dangerous Goods Instructor, DGSA and Internal verifier and assessor.

Bob has been with the dangerous goods division for over a year now and has already settled in to conducting courses both in the classroom, and virtually.

With over 10 years' experience in training Bob has also recently been assisting with our dangerous goods packing team

THE SAFE TRANSPORT OF LITHIUM BATTERY BY AIR (CAA APPROVED)

COURSE DESCRIPTION

The Safe Transport of Lithium Batteries by Air course is designed for personnel who are involved in the preparation or transport of lithium batteries by air.

Loose lithium cells and batteries, as well as cells and batteries contained in, or packed with, equipment containing lithium in any form must be packed in accordance with the regulations. Regardless of whether they are lithium ion or lithium metal, and those involved in the preparation or transport of such consignments must receive training.

By the end of the course, delegates will be able to:

- Classify, pack, mark, label and document a consignment containing lithium batteries for transport by air.
- Delegates will also be shown how to classify lithium batteries into the different sections, such as IA, IB and section II as well as look at the changes which have been implemented in recent years.

This course is CAA approved. There will be an exam on the second afternoon; successful delegates will receive a certificate which is valid for two years.

Lithium battery by air: £315.00
(inclusive of CAA registration fee)

CLASSROOM

LITHIUM BATTERY BY AIR COURSE DATES

4th – 5th April

4th – 5th July

3rd – 4th October



DG AWARENESS

This Dangerous Goods Awareness course is multi modal and designed with those involved with the transport of dangerous goods in mind.



Due to an increase in incidents involving dangerous goods in transport, this course is an essential introduction to dangerous goods transportation as the regulations state "personnel involved in the transport of dangerous goods must be trained".

Whether new to dangerous goods transportation or as a refresher, this course will benefit those not directly involved in the packing and documenting of dangerous goods by enabling them to identify dangerous goods during transport.

The course includes:

- A background to the regulations
- Identification of the nine classes
- Package markings and labels
- Documentation
- Safe Handling
- Dealing with incidents

If your business involves any single mode of transport we also offer the individual modal awareness, rates can be provided upon request for all of our awareness courses, please contact us for more details.

½ day dangerous goods awareness:
DG awareness: £65.00 per delegate

CLASSROOM

DG AWARENESS COURSE DATES

5 th January	9 th February
2 nd March	6 th April
4 th May	6 th June
6 th July	3 rd August
7 th September	5 th October
2 nd November	7 th December

VIRTUAL

DG AWARENESS COURSE DATES

1 st March	2 nd May
31 st July	31 st October

DG BY AIR (CAA APPROVED)



COURSE DESCRIPTION

The Safe Transport of Dangerous Goods by Air (3 day initial or 2 day revalidation) course is designed for personnel who prepare / accept shipments of dangerous goods for air transport.

By the end of the course, delegates will be able to:

- Classify
- Package
- Mark and label
- Complete a Shipper's Declaration
- Check/accept a dangerous goods shipment suitably for air transport

This course is CAA approved. There will be an exam on the third afternoon; successful delegates will receive a certificate which is valid for two years.

3 day dangerous goods by air:
£365.00 per delegate
 (inclusive of CAA registration fee)

CLASSROOM

DG BY AIR COURSE DATES

16 th – 18 th January	20 th – 22 nd February
20 th – 22 nd March	17 th – 19 th April
22 nd – 24 th May	26 th – 28 th June
17 th – 19 th July	7 th – 9 th August
18 th – 20 th September	16 th – 18 th October
20 th – 22 nd November	11 th – 13 th December

VIRTUAL

DG BY AIR COURSE DATES

6 th – 8 th March
8 th – 10 th May
6 th – 8 th November



DG BY SEA

2 DAY COURSE



COURSE DESCRIPTION

The Safe Transport of Dangerous Goods by Sea course is designed to equip delegates with previous dangerous goods training or experience with the knowledge required to prepare a shipment of dangerous goods for sea transport in compliance with the IMDG code.

By the end of the course, delegates will be able to:

- Classify dangerous goods
- Correctly package dangerous goods for transport
- Correctly mark and label a package
- Complete a dangerous goods note

As of 1st January 2010, it is mandatory that refresher training is undertaken to take into account changes in regulations and practice. There will be an exam on the second afternoon; successful candidates will receive a certificate.

2 day dangerous goods by sea: £295.00 per delegate

CLASSROOM

2 DAY DG BY SEA COURSE DATES

19 th – 20 th January	23 rd – 24 th February
23 rd – 24 th March	20 th – 21 st April
25 th – 26 th May	29 th – 30 th June
20 th – 21 st July	10 th – 11 th August
21 st – 22 nd September	19 th – 20 th October
23 rd – 24 th November	14 th – 15 th December

VIRTUAL

2 DAY DG BY SEA COURSE DATES

9 th – 10 th March
11 th – 12 th May
9 th – 10 th November



DG BY SEA

3 DAY COURSE



COURSE DESCRIPTION

In addition to our existing 2-day Safe Transport of Dangerous Goods by Sea course we have introduced a 3-day course designed with first time delegates or those who may benefit from more in-depth training in mind. This will equip delegates with the knowledge required to prepare a shipment of dangerous goods for sea transport in compliance with the IMDG code.

By the end of the course, delegates will be able to:

- Classify dangerous goods
- Correctly package dangerous goods for transport
- Correctly mark and label a package
- Complete a dangerous goods note

There will be an exam on day 3; successful candidates will receive a certificate.

3 day dangerous goods by sea:
£350.00 per delegate

CLASSROOM

3 DAY DG BY SEA COURSE DATES

25th – 27th January

29th – 31st March

26th – 28th July

25th – 27th October

VIRTUAL

3 DAY DG BY SEA COURSE DATES

1st – 3rd February

7th – 9th June

4th – 6th September



ADR CONSIGNORS



COURSE DESCRIPTION

Our ADR consignors course is designed to equip delegates with previous dangerous goods training and experience with the knowledge and skills to be able to prepare a consignment of dangerous goods by road in compliance with ADR.

For delegates with no previous dangerous goods experience we can adjust this course over three days to allow additional time for more in depth training. (dates upon request)

By the end of the course, delegates will be able to:

- Classify, package, mark and label a dangerous goods consignment using the ADR regulations
- Complete the required documentation
- Correctly mark and placard vehicles which are used for carrying dangerous goods.

Following this 2 day course there will be an examination; successful delegates will receive a certificate which is valid for two years.

2 day ADR consignors' course: £350.00

CLASSROOM

ADR CONSIGNORS COURSE DATES

22nd – 23rd February

7th – 8th June

6th – 7th September

15th – 16th November

VIRTUAL

ADR CONSIGNORS COURSE DATES

2nd – 3rd March

4th – 5th May

1st – 2nd August

1st – 2nd November

DRIVER TRAINING (CPC)

COURSE DESCRIPTION

Our ADR dangerous goods driver initial training courses can be tailored to meet customer requirements.

Our course is run from Monday to Sunday which covers a total of 12 modules.

This course equips delegates with the information required to pass the examinations which are set by the SQA.

Our course also counts towards driver CPC hours in accordance with JAUPST and the DSA requirements – please ask for more details on driver hours and your requirements.

Pentagon Freight Services is both an SQA and JAUPST approved centre.

Total costs for these courses is £405.00 per delegate plus £20.00 per module for the SQA examinations, the full ADR course has a total of 12 examinations, these include:

- CORE
- PACKAGES
- TANKERS
- CLASSES 1 – 9

CLASSROOM

ADR DRIVER TRAINING (CPC) INITIAL

	Jan	Feb	Mar	May	June
Except Explosives & Radioactive	9 th – 13 th	6 th – 10 th	13 th – 17 th	15 th – 19 th	12 th – 16 th
Explosives & Radioactive	14 th – 15 th	13 th – 14 th	18 th – 19 th	20 th – 21 st	19 th – 20 th

	Aug	Sep	Nov	Dec
Except Explosives & Radioactive	14 th – 18 th	11 th – 15 th	13 th – 17 th	4 th – 8 th
Explosives & Radioactive	19 th – 20 th	16 th – 17 th	18 th – 19 th	9 th – 10 th

CLASSROOM

ADR DRIVER TRAINING (CPC) REFRESHER

10 th – 14 th April
10 th – 14 th July
9 th – 13 th October

LITHIUM BATTERY WORKSHOP



COURSE DESCRIPTION

Due to recent changes in Regulations, and due to customer concerns in abiding by these changes, we are pleased to offer our lithium battery workshop.

This half day awareness level course will cover the following topics:

- A brief background on lithium
- Identify the differences between cells, batteries, lithium metal and lithium ion
- Understand the classification process with lithium batteries
- Identification of goods which may contain lithium batteries by package marks, labels, and package specifications
- Recognise the documentation used to transport lithium batteries
- Identify the potential hidden hazards in cargo
- Understand your responsibilities in an emergency situation concerning a damaged shipment.

**½ day lithium battery workshop:
£65.00 per delegate**

CLASSROOM

LITHIUM BATTERY WORKSHOP COURSE DATES

5 th January	9 th February
2 nd March	6 th April
4 th May	6 th June
6 th July	3 rd August
7 th September	5 th October
2 nd November	7 th December

VIRTUAL

LITHIUM BATTERY WORKSHOP COURSE DATES

1 st March
2 nd May
31 st July
31 st October

RADIOACTIVE MATERIAL (AIR AND SEA)



COURSE DESCRIPTION

The course will cover the following topics:

- Background introduction to radioactive material
- Applicability and limitations
- Classification
- Identification of UN numbers and proper shipping names
- Determination of activities
- Packing, packing instructions and packing criteria, including excepted package limits etc.
- Package test procedures
- Marking, labelling and documentation
- Operator requirements, including segregation and separation

Our Radioactive material by air course is fully CAA approved; upon successful completion of the course and exam delegates will receive a certificate which is valid for two years.

2 day radioactive material by air:
£315.00 per delegate

1 day radioactive material by sea:
£290.00 per delegate

CLASSROOM

RADIOACTIVE BY AIR COURSE DATES

25th – 26th April

29th – 30th August

28th – 29th November

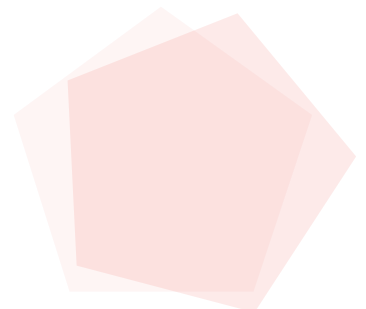
CLASSROOM

RADIOACTIVE BY SEA COURSE DATES

27th April

31st August

30th November



AIR CARGO AVIATION SECURITY TRAINING



If you work within the cargo sector and require unescorted access to air cargo or mail you may require air cargo security training provided by a CAA Registered Training Provider

Pentagon Freight Services provides security training for known consignors, regulated agents and approved sub contract hauliers aimed at those who require unescorted access to air cargo or mail.

The courses are tailored for anyone working in such an environment whether handling, driving, screening or the security manager and ensure those involved have the necessary knowledge and skills to undertake their role.

Training is delivered in one of our dedicated training rooms, which provide a comfortable relaxed atmosphere in a well-equipped environment to enhance learning. These courses are approved by the CAA and can be completed online allowing the delegate freedom to complete the training when convenient.

In compliance with the legislation and prior to registration delegates must be in possession of Standard Background Check (SBC).

Known Consignors

The syllabus for known consignor training was revised in 2012, Modules 1-8 cover the syllabus from basic security awareness to training for those responsible for security and is dependent on the individuals job function?

A closed book written assessment will be provided at the end to ensure understanding.

Regulated Agents

The new 2021 regulated agent syllabus brought about many changes in accordance with EU2015/1998 (retained in UK law) and is as follows:

Below are examples of the training requirements under the new syllabus

For those who require access to cargo and mail - modules 1-3

- Threat to aviation
- Security in the aviation industry
- The trainee's role

Driving secure cargo and mail - modules 1-3, 6 and 7

- Threat to aviation
- Security in the aviation industry
- The trainee's role
- Overview of cargo and mail
- Transport

Continued on next page



Applying security controls other than screening- modules 1-3, 6, 8 and 9a

- Threat to aviation
- Security in the aviation industry
- The trainee's role
- Overview of cargo and mail
- Acceptance and dispatch of cargo and mail
- Prohibited articles and concealments
-

Cargo Supervisors - Modules 1-3, 6, 9a and 20

- Threat to aviation
- Security in the aviation industry
- The trainee's role
- Overview of cargo and mail
- Acceptance and dispatch of cargo and mail
- Prohibited articles and concealments
- The role of the supervisor

Supervisors must complete all modules relating to the functions they are supervising, in addition to the modules mentioned.

Local Cargo Manager (Site Security Representative) Modules 1-3, 6 and 20

- Threat to aviation
- Security in the aviation industry
- The trainee's role
- Overview of cargo and mail
- Acceptance and dispatch of cargo and mail
- Prohibited articles and concealments
- Local Managers

Managers must complete all modules relating to the functions they are supervising, in addition to the modules mentioned above.

National security managers must complete the Aviation Security Managers course.

There will be a closed book written assessment at the end of each course.

Recurrent training must take place at least every 24 months, with the exception of module 21 which is required every 36 months.

Prices on request

SERVICES

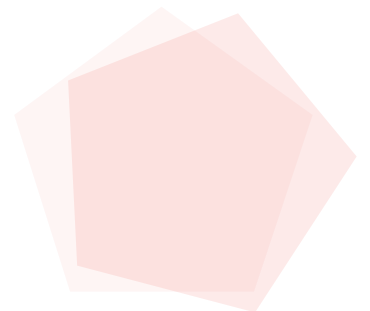


DG PACKAGING

At Pentagon Freight Services, the Dangerous Goods Division has the facilities to pack, label and / or document your dangerous goods on your behalf, resulting in a one stop shop for all types of cargo. Our staff, with over 45 years combined experience, are highly trained to deal with all nine classes of dangerous goods for air, sea and road regulations, so whether it's a tin of paint or a radioactive source, we can help. We stock a large selection of UN approved packaging.

Over-packing / crating is also available and rates for these can be advised upon confirmation of dimensions to ensure the most cost effective solutions for the packing of your dangerous goods. Local collections and deliveries are also available, as well as site visits to address specific requirements.

This service takes on the legal liability for our clients, delivering full compliance and peace of mind.



DGSA



CONSULTANCY SERVICES

When you send, carry or receive dangerous goods by road, rail or inland waterway, above a certain load size, and it is your main activity, you must appoint a Dangerous Goods Safety Adviser (DGSA).

The above rule applies to shippers, hauliers, consignors, carriers, packers, fillers, loaders and unloaders of dangerous goods.

Legislation states 'Dangerous Goods' are articles or substances that pose a hazard to health, safety, property and the environment. E.g. acids, explosives, hazardous chemicals, machinery containing dangerous goods, waste material.

There are three exams which must be successfully completed within 12 months. We will provide delegates with all the required regulations and publications as part of your course fee and enrol the nominated person on your behalf.

DGSA COURSE DATES

22nd – 24th February

7th – 9th June

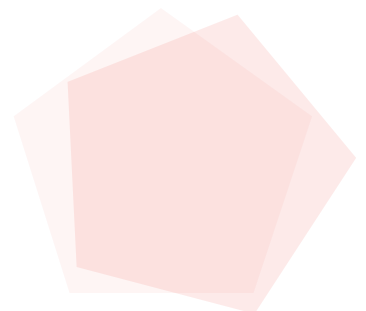
6th – 8th September

15th – 17th November

As part of our service we can offer our DGSA consultancy, which includes:

- Initial DGSA site visit / audit.
- Telephone and email support for your day to day interaction with dangerous goods for your team, for all modes of transport.
- Annual report. Rates can be provided upon request, please contact us for more details.

Alternatively a nominated person within your organisation is required to hold the relevant qualification and can attend one of our DGSA training courses which are scheduled to coincide with the quarterly SQA DGSA exams.





CLASSROOM COURSE DATES

JAN	5 th DG Awareness 5 th Lithium Battery Workshop 9 th – 13 th ADR Driver Training* 14 th – 15 th ADR Driver Training** 16 th – 18 th DG by Air 19 th – 20 th 2 Day DG by Sea 25 th – 27 th 3 Day DG by Sea	FEB	9 th DG Awareness 9 th Lithium Battery Workshop 6 th – 10 th ADR Driver Training* 13 th -14 th ADR Driver Training** 20 th – 22 nd DG by Air 22 nd – 23 rd ADR Consignors 23 rd – 24 th 2 Day DG by Sea 22 nd – 24 th DGSA	MARCH	2 nd DG Awareness 2 nd Lithium Battery Workshop 13 th – 17 th ADR Driver Training* 18 th – 19 th ADR Driver Training** 20 th – 22 nd DG by Air 23 rd – 24 th 2 Day DG by Sea 29 th – 31 st 3 Day DG by Sea
APRIL	4 th – 5 th Lithium Battery by Air 6 th DG Awareness 6 th Lithium Battery Workshop 10 th – 14 th ADR Driver Training Refresher 17 th – 19 th DG by Air 20 th – 21 st 2 Day DG by Sea 25 th – 26 th Radioactive by Air 27 th Radioactive by Sea	MAY	4 th DG Awareness 4 th Lithium Battery Workshop 15 th – 19 th ADR Driver Training* 20 th – 21 st ADR Driver Training** 22 nd – 24 th DG by Air 25 th – 26 th 2 Day DG by Sea	JUNE	6 th DG Awareness 6 th Lithium Battery Workshop 7 th – 8 th ADR Consignors 7 th – 9 th DGSA 12 th – 16 th ADR Driver Training* 19 th – 20 th ADR Driver Training** 26 th – 28 th DG by Air 29 th – 30 th 2 Day DG by Sea
JULY	4 th – 5 th Lithium Battery by Air 6 th DG Awareness 6 th Lithium Battery Workshop 10 th – 14 th ADR Driver Training Refresher 17 th – 19 th DG by Air 20 th – 21 st 2 Day DG by Sea 26 th – 28 th 3 Day DG by Sea	AUGUST	3 rd DG Awareness 3 rd Lithium Battery Workshop 7 th – 9 th DG by Air 10 th – 11 th 2 Day DG by Sea 14 th – 18 th ADR Driver Training* 19 th – 20 th ADR Driver Training** 29 th – 30 th Radioactive by Air 31 st Radioactive by Sea	SEP	6 th – 7 th ADR Consignors 6 th – 8 th DGSA 7 th DG Awareness 7 th Lithium Battery Workshop 11 th – 15 th ADR Driver Training* 16 th – 17 th ADR Driver Training** 18 th – 20 th DG by Air 21 st – 22 nd 2 Day DG by Sea
OCT	3 rd – 4 th Lithium Battery by Air 5 th DG Awareness 5 th Lithium Battery Workshop 9 th – 13 th ADR Driver Training Refresher 16 th – 18 th DG by Air 19 th – 20 th 2 Day DG by Sea 25 th – 27 th 3 Day DG by Sea	NOV	2 nd DG Awareness 2 nd Lithium Battery Workshop 13 th – 17 th ADR Driver Training* 15 th – 16 th ADR Consignors 15 th – 17 th DGSA 18 th – 19 th ADR Driver Training** 20 th – 22 nd DG by Air 23 rd – 24 th 2 Day DG by Sea 28 th – 29 th Radioactive by Air 30 th Radioactive by Sea	DEC	4 th – 8 th ADR Driver Training* 7 th DG Awareness 7 th Lithium Battery Workshop 9 th – 10 th ADR Driver Training** 11 th – 13 th DG by Air 14 th – 15 th 2 Day DG by Sea

*Except Explosives and Radioactive ** Explosives and Radioactive

VIRTUAL COURSE DATES

FEB	1 st – 3 rd 3 Day DG by Sea	MARCH	1 st DG Awareness 1 st Lithium Battery Workshop 2 nd – 3 rd ADR Consignors 6 th – 8 th DG by Air 9 th – 10 th 2 Day DG by Sea	MAY	2 nd DG Awareness 2 nd Lithium Battery Workshop 4 th – 5 th ADR Consignors 8 th – 10 th DG by Air 11 th – 12 th 2 Day DG by Sea
JUNE	7 th – 9 th 3 Day DG by Sea	JULY	31 st DG Awareness 31 st Lithium Battery Workshop	AUG	1 st – 2 nd ADR Consignors
SEP	4 th – 6 th 3 Day DG by Sea	OCT	31 st DG Awareness 31 st Lithium Battery Workshop	NOV	1 st – 2 nd ADR Consignors 6 th – 8 th DG by Air 9 th – 10 th 2 Day DG by Sea

The current regulations are available for purchase on request. All course dates are correct at the time of designing and may be subject to change.



PENTAGON

DANGEROUS GOODS DIVISION

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