



**SCOTTISH QUALIFICATIONS AUTHORITY**  
**DANGEROUS GOODS SAFETY ADVISER EXAMINATION**  
**EXAMINATION BOOKLET – CORE**

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**Candidate's signature**

**Candidate's name**

**Date of Birth**      /      /      **Surname**      **Forename(s)**

**Examination Centre**.....

**Sample Paper**  
**0930 - 1045**

**Seat no:**

**NOTES**

1. You are required to complete the sections above in BLOCK CAPITALS.
2. You must sign the examination booklet in the box provided in the top right hand corner.
3. You must enter your seat number in the box provided.
4. You must not detach any sheets from the examination booklet.
5. Do not write anything below this line.

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**For Markers' use only**

Marks Awarded

1	2	3	4	5	6	7	8	9	10	Total Marks

**Marker's initials** ..... **Principal Marker's initials** .....

**For SQA use only**

Script checker's initials .....

## INSTRUCTIONS TO CANDIDATES

It is recommended that you read through the paper before answering any questions.

**Candidates are only required to record references to the 2009 “Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations (CDG2009)” as amended, where one has been specifically asked for in a reference box within the examination paper.**

Questions may be answered in any order and it is recommended that you answer those questions you consider to be the more straightforward questions first.

You need to gain 32 marks to pass this paper.

Answers to questions must be given in the space provided beside each question.

In your answers, use the permitted abbreviations for reference documents contained in the handout.

All answers **must** be in ink.

If you need extra space, write “continued” and finish your answer in the space provided at the end of this booklet. Make sure you mark any continuation with the question number.

Rough work, not intended to be read by the marker, should be scored out.

No part of this booklet is to be torn out. No writing is allowed on any other paper.

No unauthorised material may be brought into the examination room.

No talking or other means of communication between candidates is allowed during the examination. Any candidate found to be doing so will be subject to instant dismissal from the examination room. All queries should be directed to an invigilator.

You may not leave the examination room during the first 30 minutes or last 15 minutes of the examination, unless you are ill. In this case, let an invigilator know and s/he will make sure the correct procedure is followed.

You must hand your booklet to an invigilator before leaving. **Booklets must not be removed from the examination room under any circumstances.**

**Answer ALL questions**

Marks

**Notes:** When you use a reference document to find your answer, you must include the following information – the document title and, as appropriate, the relevant regulation, schedule, paragraph and sub-paragraph e.g. CDG2009 Regulation 29, Schedule 3, or part, chapter and section e.g. ADR or RID 1.1.2.1. Marks may be lost if relevant detail is omitted.

Give your answer in the space provided below each question.

Remember to include details of your references in the box provided or, where there is no box, include references as part of your answer.

1 Using RID/ADR, complete the following information table:

(4)

UN No	Proper Shipping Name	Class/ Division	PG
	Allyl Iodide		
UN1583			
	Xenon		Not applicable
UN1402			

*Note: No reference is required for this question*

**Remember to include details of your references in the box provided or, where there is no box, include references as part of your answer**

Marks

- 2 Your Company has produced a new cleaning agent for your European market. The product is a free-flowing liquid which has the following properties: flashpoint 32°C, boiling point 90°C

Using RID/ADR:

State the class and packing group for this liquid and provide an appropriate UN number and proper shipping name.

(6)

<b>Reference</b>	
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- 3 The following is an extract from a UN package specification mark:

**31A / Y / 04 11 / D / Schmidt1945 / 4500 / 1250**

Explain the meaning of the elements highlighted in **bold** type.

(6)

<b>Reference</b>	
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**Remember to include details of your references in the box provided or, where there is no box, include references as part of your answer**

*Marks*

- 4 (a) Your company is planning to transport 12 plastics drums, each containing 200 litres of UN2359, from its site in Munich to a customer in Paris. State how the individual drums should be marked and labelled for carriage.

(4)

<b>Reference</b>	
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- (b) You decide to ship the drums, four drums to a pallet, secured by a dark grey opaque shrink-wrapping. What marks and/or labels are required on the shrink-wrapping?

(4)

<b>Reference</b>	
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**Remember to include details of your references in the box provided or, where there is no box, include references as part of your answer**

Marks

**5** According to RID/ADR, who is responsible for ensuring that:

(a) Dangerous goods have been correctly classified for transport?

(2)

<b>Reference</b>	
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(b) No dangerous residues of a hazardous substance adhere to the outside of a portable tank?

(2)

<b>Reference</b>	
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**6** Waste Thiophene is to be transported in 20 x 50 litre drums between Paris and Rome. How must this consignment be described on the Transport Document?

(4)

<b>Reference</b>	
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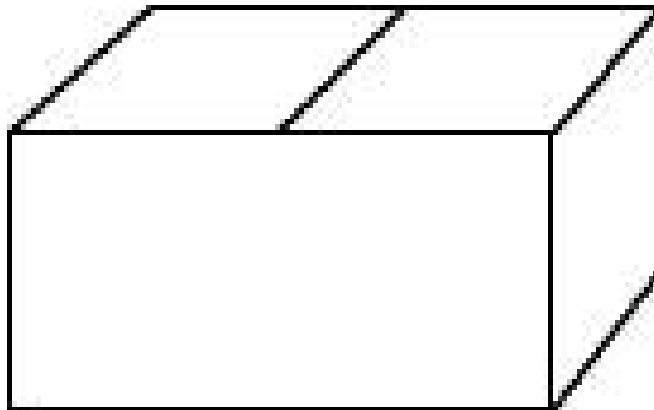
**Remember to include details of your references in the box provided or, where there is no box, include references as part of your answer**

Marks

- 7 A fibreboard box containing 5 x 1 litre plastic bottles of UN2244 (a liquid) is being consigned from Munich to Amsterdam. The package is **not** UN design type tested and approved.

Show the mark(s) and/or label(s) which must appear on the box to identify the consignment for this journey. **Explain** how you reached your answer.

(4)



<b>Reference</b>	
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**Remember to include details of your references in the box provided or, where there is no box, include references as part of your answer**

Marks

**8** Under RID/ADR, what marks and labels must be shown on each of the following packages?

(a) a fibreboard box containing 6 x 5 litre plastic bottles of methanol.

(4)

<b>Reference</b>	
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(b) a 210 litre drum of UN1268, an environmentally hazardous material.

(4)

<b>Reference</b>	
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**9** How are 'high consequence dangerous goods' defined?

(3)

<b>Reference</b>	
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**Remember to include details of your references in the box provided or, where there is no box, include references as part of your answer**

Marks

- 10** A DGSA is required to monitor certain activities of a business involved in the carriage of dangerous goods. List 2 such activities.

(3)

<b>Reference</b>	
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*[END OF QUESTION PAPER*

