

OXFORD CAMBRIDGE AND RSA EXAMINATIONS

**LEVEL 3 CERTIFICATE OF PROFESSIONAL
COMPETENCE FOR TRANSPORT MANAGERS
(ROAD HAULAGE)**

05689

**UNIT R2 CERTIFICATE OF PROFESSIONAL COMPETENCE
(ROAD HAULAGE) CASE STUDY**

FRIDAY 12 SEPTEMBER 2014 1.00 PM – 3.15 PM TIME: 2 HOURS 15 MINUTES

INSTRUCTIONS TO CANDIDATES

Fill in all the boxes below. Use BLOCK LETTERS

CENTRE DETAILS

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| CENTRE NUMBER | CENTRE NAME |
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COMPUTER REF

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CANDIDATE DETAILS

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|------------------------|------------|-----------------------------|-------------------------|
| SURNAME or FAMILY NAME | FIRST NAME | INITIALS OF OTHER FORENAMES | CENTRE CANDIDATE NUMBER |
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Do not open the booklet until told to do so by the invigilator.

Answer **ALL** questions.

Write your answers in the spaces provided on the question paper. If you need extra space to continue your answers, use the additional pages at the back of this booklet (pages 8 - 11).

Do not use loose sheets of paper unless you have filled the booklet and have no more space to write. Ask the invigilator for additional sheets of paper and ensure that they are securely paper-clipped to your script.

If you use additional pages, you must insert the question number beside each answer and note in the question paper that the answer has been continued.

Do **all** calculations and rough work in this booklet. Cross out any work you do not wish to have marked.

INFORMATION FOR CANDIDATES

This qualification paper is to be used together with the associated case study provided.

The number of marks is given in brackets at the end of each question or part question.

You may use diagrams wherever they will help to answer a question.

You may use a non-programmable calculator.

You may use a dictionary.

Ofqual Unit Reference Number: K/503/6607

| FOR EXAMINERS' USE ONLY | | | |
|-------------------------|--|---|--|
| 1 | | 4 | |
| 2 | | 5 | |
| 3 | | 6 | |
| TOTAL = | | | |

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This document consists of 12 pages. Any blank pages are indicated.

- 1 Patrick has decided that Cartny Fuels Ltd should undertake the twice-daily journey to the Sunderland fuel terminal.

Use the information in the case study to complete the driver schedule below for **TWO** return trips on one day. Your schedule must start when the driver commences work at Ripon and finish at the end of the driver's shift.

Notes:

Tachograph symbols are not accepted.

| Start Time | Finish Time | Description of Activity | Tachograph Mode |
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(15 marks)

2 Patrick requires you to calculate the daily cost of undertaking the collections from the Sunderland fuel terminal.

Using the information in the case study, prepare a daily cost budget for the articulated road tanker to make the **TWO** round-trip collections per day from the Sunderland fuel terminal.

Notes:

Show **ALL** your workings and name each cost.

Show Standing Costs per day and Running Costs per day separately, with totals for each.

Show the total daily cost.

Give all your answers to the nearest 1p.

(11 marks)

3 Patrick intends to carry out future Periodic Training courses in-house.

Outline **FOUR** advantages to the Cartny Group Ltd of delivering training in this way, rather than using an external training company.

(4 marks)

4 Cartny Fuels Ltd is to open two new operating centres.

In relation to Operator Licensing:

a) Give the DVSA form number that Cartny Fuels Ltd will have to submit for the proposed operating centre in Leeds and outline **TWO** reasons why the company must make this application.

(3 marks)

b) Give **TWO** DVSA form numbers that Cartny Fuels Ltd will have to submit for the proposed operating centre in Leicester.

(2 marks)

- c) In addition to the forms to be submitted, describe **THREE** actions that Carnty Fuels Ltd must take in relation to the proposed operating centre in Leicester and, for each action, explain why.

(6 marks)



5 Patrick has asked you to provide him with some information regarding the proposed contract with ANH Fertilisers plc.

- a) For the weekly movement of the Ammonium Nitrate based fertiliser in bulk, calculate
 - (i) the **MAXIMUM** payload for a Cartny Haulage Ltd articulated bulk tipper combination to be used on this work.
 - (ii) the **MINIMUM** number of loads that will be needed in one week to meet ANH Fertilisers plc's requirements.

Note:

Show **ALL** your workings.

You are not required to calculate the number of vehicles that would be needed.

(4 marks)

- b) Give **FIVE** items of ADR equipment that must be carried on the vehicle that will travel to Paris, loaded with bagged Ammonium Nitrate based fertiliser.

(5 marks)

6 Patrick is keen to maintain the Group's excellent reputation and to exercise proper control over any sub-contractors carrying out haulage for the Group. He insists that checks should be carried out on any sub-contractors to be used on the ANH Fertilisers plc work in the UK.

In relation to these checks:

a) Outline **FIVE** legal requirements that the sub-contractors' vehicles **MUST** satisfy.

(5 marks)

b) Outline **THREE** legal requirements that the sub-contractors' drivers **MUST** satisfy.

(3 marks)

c) Give **TWO** insurance policies that the sub-contractors should hold.

(2 marks)

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