

Level 3 Certificate of Professional Competence for Transport Managers (Road Haulage) Unit R2

05689

Friday 4 December 2015 – 1.00 pm – 3.15 pm
Time Allowed: 2 hours 15 minutes

You may use:

- the case study
-

You must have:

- a dictionary
- a calculator
- any written materials

Centre name			
Centre number		Candidate number	
First name		Last name	

INSTRUCTIONS

- Fill in all the boxes above. Please write clearly and in capital letters.
- Use black or blue ink.
- Answer **ALL** the questions.
- Write your answer to each question in the space provided.
- If additional space is required, you should use the lined page(s) at the end of this booklet.
- Additional paper may be used if required but you must clearly show your candidate number, centre number and question number(s).
- Do all calculations and rough work in this booklet. Cross out any work you do not wish to have marked.

INFORMATION

- The total mark for this paper is **60**.
- The number of marks is given in brackets at the end of each question or part question.
- This document consists of **16** pages. Any blank pages are indicated.
- Assessment material has been prepared in line with legislation current at the time of production. Any subsequent changes to legislation have not been taken into account, however, responses that refer to amended legislation will be credited.

FOR EXAMINERS' USE ONLY			
1		5	
2		6	
3		7	
4			
TOTAL			

1. Prepare a driver schedule for a single driver for one day on the RSA Ltd work. Your schedule should start when the driver begins work and end when the vehicle has been unloaded at RSA Leeds.

Notes:

You **MUST** show destinations for all driving periods.

Tachograph symbols are **NOT** acceptable for the tachograph mode.

Start Time	Finish Time	Description of Activity	Tachograph Mode

(11 marks)

2. Patrick wants to allocate the RSA work to his drivers, with each of the drivers carrying out the work on as many consecutive days as possible.

a) Give the minimum number of drivers that will be required to carry out the RSA work during each week, Monday to Sunday, and outline **TWO** reasons why that number will be needed.

(3 marks)

b) Give the maximum number of consecutive days on which an individual driver could carry out the RSA Ltd work and outline **ONE** reason for your answer.

(2 marks)

c) Give the maximum number of driving hours that one of these drivers could complete in a single working week, between weekly rest periods.

(1 mark)

d) Give the maximum number of driving hours that one of these drivers could complete in two consecutive fixed weeks.

(1 mark)

3. Patrick has decided to incorporate his business by applying to the Registrar of Companies by post.

a) Identify **THREE** documents that Patrick will have to provide to the Registrar of Companies for the incorporation of his business as a Private Limited Company, and for each document identified, explain its purpose.

(6 marks)

b) Identify the document that brings the proposed new limited company into existence.

(1 mark)

4. Patrick has decided to incorporate his business.

a) If Patrick is successful in his application to incorporate his business, identify **ONE** operator licensing issue that will arise, and explain why.

(2 marks)

b) Outline **SEVEN** actions, in relation to operator licensing, that Patrick will have to take in order to continue operating following incorporation.

(7 marks)

5. With Patrick's desire to improve the fuel efficiency of the business, he has decided that he needs to know the current fuel costs.

Notes:

You MUST show all your workings and give your answer to the nearest litre/penny.

- a) Based upon Vehicle 2 being used on the work for OCR Ltd, and Vehicle 3 on the work for RSA Ltd, calculate the daily fuel usage in litres and the cost for each vehicle.

(6 marks)

b) If Vehicle 2 were to be used on the work for RSA Ltd, and Vehicle 3 were to be used on the work for OCR Ltd, what would be the net saving in the daily fuel cost?

(5 marks)

6. RSA Ltd have advised Patrick that their haulage requirement will increase, with effect from 1st March 2016 as follows:

480 tonnes of rough cut hardwood timber must be delivered to Newbury every week.

360 tonnes of hardwood panels must be delivered to Leeds every week.

To meet RSA Ltd's increased requirements from 1st March 2016:

a) Calculate the minimum number of vehicles needed to deliver to Newbury.

(3 marks)

b) Calculate the minimum number of vehicles needed to deliver to Leeds.

(2 marks)

c) Calculate the minimum number of return journeys each of these vehicles would need to complete in a single week.

(2 marks)

7. Patrick is concerned about the safety aspects of his drivers' work with the lorry mounted cranes. He has researched the Health & Safety Executive (HSE) website, and learned about the 'five steps to controlling risks in the workplace'.

- a) Patrick has decided to carry out a formal risk assessment on crane operations. Give **FIVE** actions that Patrick should take, to comply with HSE guidance.

(5 marks)

- b) Patrick has decided to issue his drivers with a checklist of actions to carry out, immediately before starting to unload their vehicles at Leeds or Newbury, using a lorry mounted crane. Give **THREE** checks that should appear on this checklist, specifically related to the siting of the vehicle.

(3 marks)

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