



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 13 JUNE 2014 1.00 PM – 3.15 PM TIME: 2 HOURS 15 MINUTES

CASE STUDY

Background

You have an international CPC and have been appointed as the Group Transport Manager for OCR Transport Limited (OCR), which currently operates 400 small goods vehicles wholly within the UK.

The OCR Group Sales Director has tendered for many European retail distribution contracts. She has successfully negotiated contracts to carry out the European distribution for three major retail chains.

European Distribution

OCR's Directors have registered a new limited company, RSA, wholly owned by OCR, to operate the European distribution.

RSA intends to apply for 4 Operator Licences, to cover each of the following new operating centres. Four external Transport Managers will be appointed to supervise operations at the new sites.

Operating Centre	Vehicles initially required	Margin for Growth	Trailers
Bristol	9	3	10
Cambridge	7	3	10
Cardiff	3	1	0
Coventry	11	3	30

The first route to be operated by RSA, will carry canned foods and use one articulated vehicle. The route will be known as RUN1.

Details for this route are set out below.

Leg 1: from Cambridge, for a French supermarket chain registered for VAT in France. Deliver 12 pallets to Utrecht (The Netherlands) and 40 pallets to Stuttgart, (Germany).

Leg 2: from Stuttgart, for a Dutch retailer registered for VAT in The Netherlands. Collect 30 pallets in Stuttgart, adjacent to the Kombiverkehr, and deliver to Oslo (Norway).

Leg 3: from Oslo, for a UK superstore registered for VAT in the UK. Collect 20 pallets in Oslo and deliver to Cambridge.

The RUN1 route information

Start point	Finish point	Vehicle speed kph	Distance kilometres
Cambridge	Harwich	75	125
Harwich	Hoek van Holland	n/a	(ferry)
Hoek van Holland	Utrecht	75	150
Utrecht	Stuttgart drop point	75	375
Stuttgart drop point	Stuttgart collection point	30	12
Stuttgart collection point	Hamburg	n/a	(train)
Hamburg	Danish border	75	160
Danish border	Oslo (via Oresund Link)	75	640
Oslo	Cambridge	75	1450

The driver starts her week on Monday, after completing a weekly rest at 14:00. She carries out warehouse work for four hours, takes a 45 minute break and then starts work on RUN1 at 18:45 hours

Extract from the drivers briefing notes,

The vehicle will have been loaded by warehouse staff.

When a driver starts RUN1, 20 minutes must be allowed for briefing, route advice and for checking the vehicle and load.

Check-in at Harwich includes customs procedures and paperwork. This takes 15 minutes.

After check-in, the driver and vehicle will board the ferry immediately. This embarkation takes 30 minutes (driving time). The driver has access to a cabin on board.

The ferry arrives in Hoek van Holland at 09:30 hours (local time).

Disembarkation takes 30 minutes (driving time).

Unloading at all destinations takes 2 hours, driver to assist. This includes time for the driver to carry out vehicle checks.

All breaks and rest periods must be taken as late as legally possible for the minimum amount of time, except when on board a ferry or train.

Vehicle and cost information for RUN1	
Gross vehicle weight	44,000 kg
Expected annual vehicle kilometres	125,000 km
Vehicle purchase price (including tyres)	£92,950
Residual value after 5 years.	£20,000
Depreciation	Straight line
Cost per tyre	£210
No. of tyres per articulated vehicle	20
Average tyre life	105,000 km
Fuel price	€1.45 per ltr
Fuel consumption	2.5 kpl
Driver wages per day	£200
Other costs per annum (including fixed-priced maintenance), per vehicle.	£5,000
Harwich Ferry (one way)	£650
Toll Collect per kilometre	€0.16
Oresund Link charge (one way)	€15.36
Eurovignette costs for leg 2	€8
Kombiverkehr charge (one way)	€1,400
Exchange rate	£1 = €1.16

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