

**Level 3 Certificate of Professional
Competence for Transport Managers
(Passenger Transport) Unit P2 Case Study 05678**

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

Case Study

This document consists of 8 pages. Any blank pages are indicated.

Background

OCR Transport Ltd (OCR) is a long established passenger transport business based in Carlisle. OCR holds a Standard National operator licence with authorisation for 20 vehicles. You gained your CPC in March 2012 and have just been appointed as the Transport Manager for OCR.

OCR Current Fleet

4 x 28-seat buses
 3 x 28-seat accessible buses
 3 x 16-seat accessible mini buses
 10 x 48-seat coaches

OCR employs 25 drivers. All hold Driver Qualification Cards.
 All drivers passed their Category D tests prior to 9th September 2008 except:

Ali Johnson – obtained the full Category D entitlement on 14th February 2011
 Fraser Urquhart – obtained the full Category D entitlement on 17th March 2011
 Fred Jones – obtained the full Category D entitlement on 12th October 2011

(These three drivers hold Category B and Category D entitlements only.)

None of OCR's current drivers have done any Periodic Training since 2010. In order to ensure continued compliance with the requirement for Periodic Training, OCR has now set aside one day a year for training. This will take place every year from 2016 in the last week of March.

Company Policies

- All drivers must carry out a walkround check when taking over a vehicle, for which 15 minutes is allowed
- Before handing back a vehicle, all drivers must ensure that it is clean and refuelled, for which 30 minutes is allowed
- All breaks must be taken as late as possible and for the shortest possible time.

Current Operations

Contracts

OCR has the following contracts:

- The supply of transport to two respite centres and three day-care centres, using the accessible vehicles (tenders for these contracts are shortly to be re-issued)
- The operation of four subsidised local services, using the 28-seat buses
- The operation of five school contracts, using the 48-seat coaches
- The provision of transport to all away matches for a local hockey club, who require a minimum 48-seat coach, regardless of numbers travelling.

Local Service Routes

Four routes are operated as detailed below:

Route A1

Carlisle Market Place – Port Carlisle – Kirkbride – Silloth and return

Travelling time round trip is 1 hour 10 minutes plus 10 minute layovers in Silloth and in Carlisle Market Place.

The service departs Carlisle at 0800, 1000, 1200, 1400, 1600.

Route A2

Carlisle Market Place – Laversdale – Carlisle Airport Terminal – Newby East – Carlisle Market Place

Travelling time round trip is 40 minutes. There is a 10 minute layover at Carlisle Market Place. The route has a headway of 60 minutes.

Route A3

Carlisle Market Place – Crofton Gate – Cumwhinton – Rose Castle – Dalston – Carlisle Market Place

Travelling time round trip is 40 minutes. There is a 15 minute layover at Carlisle Market Place. The route runs hourly.

Route A4

Carlisle Market Place – Carlisle Race Course – Black Lion – Golden Fleece – Carlisle Market Place

Travelling time round trip is 20 minutes. There is a 5 minute layover at Carlisle Market Place. The route runs every half hour.

Coach Operator Support Scheme

OCR has recently joined a coach operator support scheme, which aims to connect operators with available work at short notice, via email or text. Today you received a text at 09.55hrs, requiring the 'rescue' of a group travelling from Glasgow to Coventry, whose coach has broken down at Gretna. You have a coach and a driver available.

The driver to whom you intend to allocate this work started at 07.00hrs this morning, in the workshop, where he was assisting a mechanic with routine maintenance work. It is now 10.00hrs and the driver has arrived for his 15 minute briefing.

The stranded group needs to get to its next destination as quickly as possible, and because of the urgency, the driver will not take a break before starting the journey.

Having completed the 'rescue' by delivering the passengers to Coventry the driver will return to the Carlisle depot.

Information for Gretna to Coventry rescue

Carlisle depot to Gretna	20km
Gretna to Coventry	320km
Coventry to depot	300km
Time required to load passengers at Gretna	30 minutes
Time to unload passengers at Coventry	30 minutes
Average speed throughout journey	80kph

Potential Future Work

The hockey club for whom you currently provide services has been invited to join an Anglo French League.

The club has asked you to quote for the provision of coach travel to their away matches in the UK and France. In order to compare your prices with those of your competitors, they have initially asked for a quote for the most distant destination, Valence, France. The club has stated that the current 48-seat coach will not be suitable for this work.

In anticipation of this work for the hockey club, and more corporate private hire work, OCR's directors intend to acquire a new 49-seat executive coach.

Information for hockey club – Valence away match

Details	
Number of days coach hire	3 days
Number of drivers	2
Depot to Hockey Club	20km
Hockey Club to Euro Tunnel Terminal UK	654km
Euro Tunnel Terminal France to Valence	860km
Local travel within Valence	20km
Euro Tunnel (Le Shuttle) return for coach and all passengers will be booked by OCR	£590.00
Accommodation costs for passengers and drivers will be paid directly by the hockey club to the hotel.	N/A
Tolls in France (round trip total)	€200.00
Exchange rate	€1.00 = £0.80
Profit mark up to be added to all costs	15%

Financial and operating information

	28-Seat Bus	48-Seat Coach	49-Seat Executive Coach
Purchase price (excluding tyres) £	75,000.00	180,000.00	250,000.00
Depreciation rate per annum %	20%	20%	20%
Annual usage (days per annum)	270	260	250
Driver wage (£ per day)	100.00	100.00	120.00
Other standing costs (£ per day)	65.00	70.00	70.00
Driver overnight allowance (£ per night)	N/A	25.00	25.00
Fuel consumption (km/l)	4.0	3.0	2.5
Tyre cost (£ per km)	0.03	0.04	0.05
Maintenance cost (£ per km)	0.25	0.30	0.40

Note: All fuel is purchased at £1.20 per litre.

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