STATUTORY INSTRUMENTS

# 1983 No. 1486

# CONTROL OF FUEL AND ELECTRICITY

## The Passenger Car Fuel Consumption Order 1983

| | |
|---|---|
| *Made - - - -* | *9th October* 1983 |
| *Laid before Parliament* | *24th October* 1983 |
| *Coming into Operation* | *15th November* 1983 |

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The Secretary of State for Transport, in exercise of the powers conferred by sections 15(1), (2), (3), (6) and (7) and 17(2) and (4)*(b)* of the Energy Act 1976(**a**) and now vested in him(**b**) and of all other enabling powers, and having maintained consultation with organisations representative of manufacturers, importers, distributors and retailers of cars for the United Kingdom market, hereby makes the following Order:—

*Citation and commencement*

**1.** This Order may be cited as the Passenger Car Fuel Consumption Order 1983 and shall come into operation on 15th November 1983.

*Revocation*

**2.** The Passenger Car Fuel Consumption Order 1977(**c**) is hereby revoked.

*Interpretation*

**3.**—(1) In this Order—

"the applicant" means the person by whom, or under arrangements made by whom, the tests are carried out under the provisions of Article 6;

"the ECE Regulation" means ECE Regulation 15, Revision 3 incorporating the 04 series of amendments which entered into force on 20th October 1981, being a Regulation which is annexed to the Geneva Agreement;

"an ECE fuel consumption document" means a document in the form set out in the Appendix to Annex 9 to the ECE Regulation issued by the Secretary of State or by the competent authority of a country which is a party to the Geneva Agreement;

"an EEC fuel consumption document" means a document in the form set out in Annex II to the Fuel Consumption Directive issued by the Secretary of State or by the competent authority of a state which is a member of the European Economic Community;

"the ECE test procedure" means the procedure for the carrying out of tests of the fuel consumption of vehicles specified in paragraphs 3, 4, 5 and 6 of Annex 9 to the ECE Regulation;

"the EEC test procedure" means the procedure for the carrying out of tests of the fuel consumption of vehicles specified in paragraphs 3, 4, 5 and 6 of Annex I to the Fuel Consumption Directive;

"the Fuel Consumption Directive" means Council Directive No 80/1268/EEC of 16th December 1980(**d**) on the approximation of the laws of the Member States relating to the fuel consumption of motor vehicles;

(**a**) 1976 c. 76.
(**b**) S.I. 1980/1719 and 1981/238.
(**c**) S.I. 1977/1603.
(**d**) O.J. No. L375, 31.12.80, p. 36.

"the Geneva Agreement" means the Agreement concerning the adoption of uniform conditions of approval for motor vehicle equipment and parts and reciprocal recognition thereof concluded at Geneva on 20th March 1958(**a**), as amended(**b**), to which the United Kingdom is a party(**c**);

"Member State" means any State which is a member of the European Economic Community;

"section 15" means section 15 of the Energy Act 1976;

(2) "light oil" and "heavy oil" have the same meanings as in section 1(3) and 1(4) respectively of the Hydrocarbon Oil Duties Act 1979(**d**).

(3) Any reference in this Order to a numbered Article or Schedule is a reference to the Article or Schedule bearing that number in this Order and any reference to a numbered paragraph is a reference to the paragraph so numbered in the Article or Schedule in which the reference appears.

*Application*

**4.**—(1) Subject to the provisions of paragraph (2), this Order applies to all passenger cars about whose fuel consumption provision may be made by Orders under section 15 which are motor cars having four wheels or more, are propelled by spark ignition or compression ignition engines fuelled by light or heavy oil and which are of a class manufactured after 31st December 1977 except:

*(a)* cars constructed or adapted for the use of a person suffering from some physical defect or disability;

*(b)* cars manufactured for use outside the United Kingdom;

*(c)* cars originally constructed for the conveyance of goods or burden of any description.

(2) This Order does not apply to:—

*(a)* cars so constructed or adapted that the driving power of the engine is transmitted to all the wheels of the car, or

*(b)* cars propelled by compression ignition engines fuelled by heavy oil,

unless they are of a class which is manufactured after 1st June 1984.

(3) In this Article "motor car" has the same meaning as in section 190(2) of the Road Traffic Act 1972(**e**).

*Classes of cars*

**5.** For the purpose of this Order, all cars which do not differ materially in the technical characteristics specified in Schedule 1 shall be regarded as belonging to the same class.

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(**a**) Cmnd 2535.
(**b**) Cmnd 3562.
(**c**) By an instrument of accession deposited with the Secretary General of the United Nations on 15th January 1963.
(**d**) 1979 c. 5.
(**e**) 1972 c. 20.

*Officially approved tests*

**6.**—(1) The fuel consumption of every class of car to which this Order applies shall be determined by means of tests carried out under either the EEC test procedure or the ECE test procedure in or outside the United Kingdom on a car of each class by, or under arrangements made by, the manufacturer or in the case of an imported car, the importer of that car.

(2) A test carried out in accordance with paragraph (1) shall be regarded as an officially approved test when the test results have been recorded by the Secretary of State in an official fuel economy certificate.

*Official fuel economy certificate*

**7.**—(1) The Secretary of State shall record the results of tests which have been carried out under the provisions of Article 6 on cars of any class in an official fuel economy certificate if,

*(a)* in a case where an EEC fuel consumption document has been issued in respect of a car of that class (where the car has been tested under the EEC test procedure) or an ECE fuel consumption document has been issued in respect of a car of that class (where the car has been tested under the ECE test procedure), application is made on the form set out in Part I of Schedule 2 accompanied by a copy of the EEC fuel consumption document or ECE fuel consumption document as the case may be, and

*(b)* in any other case when the conditions specified in paragraph (2) are satisfied.

(2) The conditions referred to in paragraph (1)*(b)* are as follows:—

*(a)* the test shall be carried out in circumstances where officers of the Secretary of State's Department have been offered all such facilities as they may reasonably require to satisfy themselves that the tests are, or have been, properly carried out;

*(b)* the test shall be carried out at a site approved by the Secretary of State;

*(c)* the car which is to be tested is of a type which either—

(i) is approved as complying with one of the type approval requirements relating to emissions specified in Part I of Schedule 3 if the car is propelled by a spark ignition engine fuelled by light oil and in Part II of Schedule 3 if the car is propelled by a compression ignition engine fuelled by heavy oil, or

(ii) if not so approved is capable of being so approved;

*(d)* the particulars of the test shall be submitted to the Secretary of State in the form set out in Part II of Schedule 2;

*(e)* the Secretary of State does not have reasonable cause to believe that the tests have not been properly carried out; and

*(f)* the fees specified in Article 11 (if any) are paid to the Secretary of State.

(3) Where, pursuant to paragraph 2*(c)*(ii) the car which has been tested is capable of being approved as complying with one of the type approval requirements specified in Schedule 3, the Secretary of State shall not record the results in an official fuel economy certificate until the type of car has been approved as complying with one of those type approval requirements and a copy of the approval sent to the Secretary of State.

(4) Where the Secretary of State has recorded any test results in an official fuel economy certificate, he shall furnish a copy of the certificate to the applicant and, subject to paragraph (5), cause the results to be published from time to time with other test results he has so recorded.

(5) The Secretary of State, if requested by the applicant, shall not cause the test results recorded in the certificate to be published until the expiry of such period of not more than 6 months beginning on the date on which an application was made under the provisions of Article 7(1)*(a)* or, as the case may be, particulars of the test submitted to the Secretary of State under the provisions of Article 7(2)*(d)*.

*Calculation of fuel consumption figures*

**8.**—(1) Where, pursuant to the provisions of Article 7(1), application is made in the form set out in Part I of Schedule 2—

*(a)* the fuel consumption in litres per hundred kilometres required to be stated in item 3 of the form shall be the fuel consumption as specified in either paragraph 7 of the EEC fuel consumption document or in the test report referred to in paragraph 10 of that document or, as the case may be, in either paragraph 13 of the ECE fuel consumption document or in the test report referred to in paragraph 11 of that document, expressed—

(i) if the fuel consumption is 5.0 litres per hundred kilometres or less, to the nearest 2 decimal places, amounts of 0.005 being treated as zero, and

(ii) if the fuel consumption is more than 5.0 litres per hundred kilometres, to the nearest one decimal place, amounts of 0.05 being treated as zero, and

*(b)* the fuel consumption in miles per gallon required to be stated in item 3 of the form shall be calculated by dividing 282.481 by the fuel consumption in litres per hundred kilometres as specified in the appropriate document referred to in sub-paragraph *(a)* above, the result being expressed to one decimal place, amounts of 0.05 being treated as 0.1.

(2) Where, pursuant to the provisions of Article 7(2), particulars of the tests are submitted to the Secretary of State in the form set out in Part II of Schedule 2—

*(a)* the fuel consumption in litres per hundred kilometres required to be stated in paragraph 9 of the form shall be the fuel consumption as determined by the tests expressed in the manner specified in paragraphs (1)*(a)*(i) and (ii); and

*(b)* the fuel consumption in miles per gallon required to be stated in paragraph 9 of the form shall be calculated by dividing 282.481 by the fuel consumption in litres per hundred kilometres as determined by the tests, the result being expressed to one decimal place, amounts of 0.05 being treated as 0.1.

*Repetition of tests*

**9.**—(1)*(a)* In any case where an EEC fuel consumption document or an ECE fuel consumption document has not been issued for a class of car, the Secretary of State may require the tests referred to in Article 6(1) to be repeated by, or under arrangements made by, the applicant in respect of any class of car manufactured or imported by him at a place and within a period determined by the Secretary of State in any case where the Secretary of State has reasonable cause to believe that the results of the repeated tests would differ significantly from the results recorded in the official fuel economy certificate.

*(b)* Where tests are required to be repeated under paragraph (1) by, or under arrangements made by, the applicant, he shall—

(i) ensure that these tests are carried out at a place and within the period determined by the Secretary of State in circumstances where officers of the Secretary of State's Department are afforded all such facilities as they may reasonably require to satisfy themselves that the tests are, or have been, properly carried out; and

(ii) furnish to the Secretary of State particulars of the tests in the form set out in Part II of Schedule 2 within one month from the date of the carrying out of the tests.

(2) Where no request has been made by the Secretary of State under paragraph (1) but:

*(a)* the tests referred to in Article 6 have been repeated by, or under arrangements made by, the applicant in respect of any class of car manufactured or imported by him; and

*(b)* in the case of a class of car for which an EEC fuel consumption document or an ECE fuel consumption document has been issued following the repeated tests, application is made in the manner specified in Article 7(1)*(a)*; and

*(c)* in any other case, the conditions specified in Article 7(2) are satisified,

the Secretary of State shall record the repeated test results by amending the official fuel economy certificate for the class of car for which the repeated tests were carried out.

(3) If the Secretary of State records any repeated test results by amending the official fuel economy certificate for the class of car for which the repeated tests were carried out, the repeated tests shall thereafter be regarded as the officially approved tests for that class of car.

(4) Where the Secretary of State has recorded any repeated test results by amending an official fuel economy certificate, he shall furnish a copy of the amended certificate to the applicant and cause the results to be published from time to time with other test results he has recorded in official fuel economy certificates.

*Notification of change in technical characteristics*

**10.** A manufacturer or, as the case may be, an importer of a class of car to which this Order applies, except a class of car for which an EEC fuel consumption document or an ECE fuel consumption document has been issued, in respect of which an official fuel economy certificate has been issued who intends to make any changes in the technical characteristics of the car may notify the Secretary of State on the form shown in Schedule 4 and the Secretary of State may, if satisified that the proposed changes in the technical characteristics are such as to make it appropriate to do so, notify the manufacturer that no further test is needed and, in that event, the test results recorded in the official fuel economy certificate for the class of car before the change in technical characteristics shall be regarded as the test results for the class of car after the change in technical characteristics and the Secretary of State shall amend the official fuel economy certificate accordingly.

*Fees*

**11.** Where, pursuant to the provisions of Articles 7(2)*(a)* or 9(1)*(b)*, an officer of the Secretary of State has observed a test (whether carried out in the United Kingdom or outside it), there shall be paid to the Secretary of State on demand by the applicant a sum equal to the cost of travelling and subsistence expenses reasonably incurred by that officer for the purpose of observing the tests.

*Appointed day*

**12.** The Order revoked by Article 2 having appointed 1st April 1978 as the date on which section 15(3) should have effect in relation to every class of car to which this Order applies except:—

(1) classes of cars manufactured after 1st June 1984 which comprise cars so constructed or adapted that the driving power of the engine is transmitted to all the wheels of the car; and

(2) classes of cars manufactured after 1st June 1984 which comprise cars propelled by compression ignition engines fuelled by heavy oil;

this Order hereby appoints 1st December 1984 as the date from which section 15(3) shall have effect in relation to the classes of cars referred to in paragraphs (1) and (2).

*New Cars*

**13.** For the purposes of paragraphs *(a)*, *(d)* and *(e)* of section 15(3), a car is to be regarded as a new car if any person in the course of a business uses in respect of it any indication that it has been driven for less than 500 miles unless any such person shows that it had been previously sold to a person who bought it for a purpose other than that of selling or supplying it.

*Information as to test results*

**14.**—(1) For the purposes of paragraphs *(b)* and *(c)* of section 15(3), the information as to the results of the relevant official tests to be included in material issued to the general public or in manuals or handbooks shall be information as to the fuel consumption expressed both in miles per gallon and in litres per 100 kilometres of the class of car to which the tests relate as determined by those tests and recorded in an official fuel economy certificate.

(2) For the purposes of paragraph *(d)* of section 15(3), the information relating to cars which have been subjected to the relevant official tests shall be the information as to the results of the tests which the Secretary of State has last caused to be published under Articles 7(4) or 9(4).

(3) For the purposes of paragraph *(e)* of section 15(3), the label to be affixed to a car shall be in all respects (including size, lay-out and variation of type) in the form shown in Schedule 5 and shall contain, by insertion in permanent and legible characters in the appropriate spaces, the following information—

*(a)* a distinctive reference to the models, that is to say descriptions of cars, to which the relevant official tests relate, and

*(b)* information as to the fuel consumption expressed in miles per gallon of the class of car to which the tests relate as recorded in the official fuel economy certificate as determined:—

(i) by the tests simulating urban driving,

(ii) by the tests at a constant speed of 90 kilometres per hour, and

(iii) by the tests at a constant speed of 120 kilometres per hour, if such tests are required to be, or have been, carried out.

(4) For the purposes of paragraphs (1) and (3) above, amendments to an official fuel economy certificate shall be disregarded if they are made less than two months before the car for the first purchaser of which the manual or handbook is issued or, as the case may be, to which the label is to be affixed leaves the factory.

*Cases where a person is not to be regarded as one who deals in new cars*

**15.**—(1) Where a person supplies a new car to another person (in this Article, referred to as "the customer") under a hire purchase agreement, conditional sale agreement or credit sale agreement and

*(a)* he carries on the business of financing the acquisition of cars by others by means of such agreements, and

*(b)* in the course of that business acquired the car supplied to the customer only as a means of financing its acquisition by the customer from a third person,

he shall not be regarded as a person who deals in new cars.

(2) Where a person supplies a new car to a customer under a hire agreement, and

*(a)* he carries on the business of financing the use of cars by others by means of hire agreements, and

*(b)* in the course of that business, acquired the car only for the purpose of financing its provision to the customer by a third person,

he shall not be regarded as a person who deals in new cars.

(3) In this Article—

*(a)* "hire purchase agreement", "conditional sale agreement" and "credit sale agreement" have the same meaning as in section 189(1) of the Consumer Credit Act 1974(**a**), and

*(b)* "hire agreement" means an agreement other than a hire-purchase or conditional sale agreement under which a new car is bailed or (in Scotland) hired in return for periodical payments by the person to whom it is bailed or hired.

*Exemptions*

**16.** The Secretary of State may exempt any manufacturer or importer of cars (or any class of manufacturer or importer of cars) from any of the requirements of this Order either unconditionally or subject to conditions and with or without a limit in time and may vary or revoke any such exemption.

*Savings*

**17.** Where, before the coming into operation of this Order, the fuel consumption of any class of car has been tested and the results of the tests recorded in an official fuel economy certificate under the provisions of the Order revoked by Article 2, the results of the test shall be regarded as having been recorded in an official fuel economy certificate issued under the provisions of Article 7 of this Order.

*Tom King,*
9th October 1983. Secretary of State for Transport.

(**a**) 1974 c. 39.

## SCHEDULE 1 Article 5

### List of Technical Characteristics Defining Class

Reference mass.

Internal characteristics of the engine affecting its power-speed curve (eg compression ratio, valve characteristics).

Type of fan and its method of drive (eg electrical, mechanical).

Type of aspiration (eg natural, turbocharged, supercharged).

Fuel feed system (eg number of carburettors, types of carburettors, injection system).

Ignition characteristics (eg diesel, conventional spark ignition, electronic spark ignition, ignition timing, distributor advance curve).

Type of transmission (eg manual, automatic, 4×4, front or rear wheel drive).

Number of gears (eg 4, 4 with overdrive, 4 with range change, 5).

Final drive ratio.

Speed of car for each gear ratio (including overdrive) at an engine speed of 1000 rpm.

Type of bodywork, including any aerodynamic aids (eg saloon, coupé, estate, hatchback, sports, with or without spoilers).

Type of tyre (eg normal/low resistance).

Devices and equipment whose object is to influence fuel economy (eg engine stop devices, automatic freewheels, cylinder cut out devices).

NB. The examples given of various technical characteristics are not intended to be exhaustive.

Article 7

## SCHEDULE 2

### PART I

FORM OF APPLICATION FOR AN OFFICIAL FUEL ECONOMY CERTIFICATE UNDER ARTICLE 7(1)(a) OF THE PASSENGER CAR FUEL CONSUMPTION ORDER 1983

1. Make/model .....
(include any unique characteristics needed to distinguish class)

2. An ECE fuel consumption document numbered .....; or

an EEC fuel consumption document numbered .....

having been issued in respect of the above vehicle we,.....

manufacturer/importer* hereby apply, in accordance with Article 7(1)*(a)* of the Order, for an official fuel economy certificate. A copy of the document is attached hereto.

3. The fuel consumption in litres per 100 kilometres recorded in the document*/test report* and the equivalent figures in miles per gallon are as set out below:—

on urban cycle — .....miles per gallon equivalent to
.....litres per hundred kilometres;

at a constant speed of 90 km/h — .....miles per gallon equivalent to
.....litres per hundred kilometres;

at a constant speed of 120 km/h— .....miles per gallon equivalent to
.....litres per hundred kilometres.

Signed .....

Firm .....

Address .....
.....
.....
Position in firm.....
Date .....
*delete whichever is inapplicable

(for DTp use only)

The Secretary of State for Transport hereby declares that this document is an official fuel economy certificate for the purposes of the Passenger Car Fuel Consumption Order 1983.

Signed by authority of the Secretary of State

..... 198....

A ..... in the Department of Transport

NB. This form is to be submitted in duplicate with a copy of the fuel consumption approval attached to each copy. Where the litres/100 kilometres figures are taken from the test report, a copy of the report must also be submitted.

## PART II

PARTICULARS OF TEST TO BE SUBMITTED UNDER ARTICLE 7(2)*(d)* OF THE PASSENGER CAR FUEL CONSUMPTION ORDER 1983

1. DTp job number and date DTp informed of proposed tests (where applicable)

.....

2. Name and address of applicant .....
3. Description of the car tested
   - 3.1 Trade name or mark .....
   - 3.2 Reference mass (paragraph 2.3 of the ECE Regulation) .....

     .....
   - 3.3 Mass, (as defined in paragraph 6.1.1 of Annex 9 to the ECE Regulation)

     .....
   - 3.4 Maximum design mass .....
   - 3.5 Cubic capacity of engine .....
   - 3.6 Number of cylinders .....
   - 3.7 Maximum power .....at .....rpm
   - 3.8 Compression ratio .....
   - 3.9 Cooling system .....
     - 3.9.1 Type of fan .....
     - 3.9.2 Method of drive .....
     - 3.9.3 Recommended coolant operating temperature .....
   - 3.10 Type of aspiration .....
   - 3.11 Fuel feed system .....
   - 3.12 Ignition characteristics, including timing .....
   - 3.13 Exhaust system .....
   - 3.14 Type of transmission and number of gears .....
   - 3.15 Speed of car for each gear ratio (including overdrive) at an engine speed of 1000 rpm: (1) .....(2) .....

     (3) .....(4) .....(5) .....
   - 3.16 Final drive ratio .....
   - 3.17 Type of bodywork including a description of any aerodynamic aids

     .....
   - 3.18 Details of any power absorbing auxiliaries .....
   - 3.19 Type of lubricants used
     - 3.19.1 Engine .....
     - 3.19.2 Gear box .....
     - 3.19.3 Rear axle .....

3.20 Tyres

3.20.1 Type fitted—radial/cross ply/low profile/low resistance*

3.20.2 Rolling circumference under load .....

3.20.3 Nominal pressures .....

3.21 Details of other devices whose object is to influence fuel economy

.....

4. Urban cycle tests

4.1 Date tests carried out .....

4.2 Location of dynamometer .....

4.3 Type of dynamometer, including roller diameter .....

4.4 Tyre pressures used .....

4.5 Engine lubricant temperature obtained during tests .....

4.6 Wind speed used for setting dynamometer load:

4.6.1 Steady .....

4.6.2 Gusting to .....

4.7 Description of method used for setting dynamometer load .....

.....

5. Constant speed tests where carried out on a dynamometer

5.1 Date tests carried out .....

5.2 Location of dynamometer .....

5.3 Type of dynamometer .....

5.4 Tyre pressures used .....

5.5 Engine lubricant temperature obtained during tests .....

5.6 Wind speeds used for setting dynamometer load:

5.6.1 Steady .....

5.6.2 Gusting to .....

5.7 Description of method used for setting dynamometer load .....

.....

6. Constant speed tests where carried out on road or test track

6.1 Date tests carried out .....

6.2 Location of approved road or test track .....

6.3 Engine lubricant temperature obtained during tests .....

6.4 Weather conditions during constant 90 km/h test:

6.4.1 Atmospheric pressure .....

6.4.2 Ambient temperature .....

6.4.3 Relative humidity .....

6.4.4 Wind speed:

6.4.4.1 Steady .....

6.4.4.2 Gusting to .....

6.5 Weather conditions during constant 120 km/h test:

6.5.1 Atmospheric pressure .....

6.5.2 Ambient temperature .....

6.5.3 Relative humidity .....

6.5.4 Wind speed:

6.5.4.1 Steady .....

6.5.4.2 Gusting to .....

7. Name and address of persons by whom tests carried out (if not manufacturer)

7.1 Dynamometer tests .....

7.2 Road or track tests (where applicable) .....

.....

8. Emissions (petrol or diesel) tests appropriate to car tested

8.1 Date tests carried out .....

8.2 Place .....

8.3 Test authority .....

8.4 Country symbol, approval standard and approval number including extensions .....

.....

(A copy of the emissions approval including the supporting Annex will be required if not held in the Department's records).

9. Fuel consumption

9.1 Results for each pair of cycles on the dynamometer .....

.....

9.2 Results for each of the four runs at the required constant speeds

.....

9.3 Mean results of 9.1 and 9.2:

| | mpg | l/100 km | Method of measurement (V/G) |
|---|---|---|---|
| Tests simulating urban driving | | | |
| Test at constant speed of 90 km/h (on dynamometer/track)* | | | |
| Test (if any) at constant speed of 120 km/h (on dynamometer/track)* | | | |

V = measurements made volumetrically; G = measurements made gravimetrically.

10. Trade description, body description, emissions approval number (including extensions), if different to that listed in paragraph 8.4, maximum design mass (paragraph 3.4) and any other differences in the technical characteristics listed in Schedule 1 of all cars in the class of the tested car.

11. List of supporting documents (NB any of the above details may be supplied by providing copies of type approval documents).

Signed .....

Firm .....

Address .....

Position in firm .....

Date .....

(*) Delete where inapplicable

(for DTp use)

## SCHEDULE 3 Article 7(2)(c)

### TYPE APPROVAL REQUIREMENTS RELATING TO EMISSIONS

### PART I

#### CARS PROPELLED BY SPARK IGNITION ENGINES FUELLED BY LIGHT OIL

1. The type approval requirements contained in Council Directive 70/220/EEC of 20th March 1970(**a**) as amended by Council Directive 74/290/EEC of 28th May 1974(**b**), Commission Directive 77/102/EEC of 30th November 1976(**c**), Commission Directive 78/665/EEC of 14th July 1978(**d**), and Council Directive 83/351/EEC of 16th June 1983(**e**), or

2. The type approval requirements contained in ECE Regulation 15 of 11th March 1970 amended on 11th December 1974, issued with a revised text on 1st March 1977 and 6th March 1978 and corrected on 31st October 1978, or

3. The type approval requirements contained in ECE Regulation 15 of 11th March 1970, amended, revised and corrected in accordance with the provisions of paragraph 2 above but issued with a revised text on 20th October 1981, or

4. The type approval requirements specified as item 4B or 4C in Schedule 1 to the Motor Vehicles (Type Approval) (Great Britain) Regulations 1979(**f**).

### PART II

#### CARS PROPELLED BY COMPRESSION IGNITION ENGINES FUELLED BY HEAVY OIL

5. The type approval requirements contained in Council Directive 72/306/EEC of 2nd August 1972(**g**), or

6. The type approval requirements specified in ECE Regulation 24 of 23rd August 1971, corrected on 1st December 1972, amended on 11th September 1973 and corrected on 1st July 1975, or

7. The type approval requirements specified in ECE Regulation 24 of 23rd August 1971, amended and corrected as specified in paragraph 6 and further amended on 11th February 1980, or

8. The type approval requirements specified as item 5 or 5A in Schedule 1 to the Motor Vehicles (Type Approval) (Great Britain) Regulations 1979(**h**).

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(**a**) O.J. No L76, 6.4.70, p.1 (SE 1970(I), p.171).
(**b**) O.J. No L159, 15.6.74, p.61.
(**c**) O.J. No L32, 3.2.77, p.32.
(**d**) O.J. No L223, 14.8.78, p.48.
(**e**) O.J. No L197, 20.7.83, p.1.
(**f**) S.I. 1979/1092; the relevant amending instrument is S.I. 1983/328.
(**g**) O.J. No L190, 20.8.72, p.1 (SE 1972 (III), p.889).
(**h**) S.I. 1979/1092; the relevant amending instrument is S.I. 1981/1619.

Article 10

## SCHEDULE 4

FORM OF NOTIFICATION OF CHANGE IN TECHNICAL CHARACTERISTICS

1. Date of official fuel economy certificate .....
2. Fuel consumption test job number .....
3. Description of car covered by OFEC:
   - 3.1 Model .....
   - 3.2 Body style .....
   - 3.3 Engine .....
   - 3.4 Gear box .....
   - 3.5 Final drive ratio .....
4. Emissions approval number relating to the car described above .....
5. Changes:
   - 5.1 Provide the trade name or designation of the car(s) affected.
   - 5.2 Give a brief description of any changes to the technical characteristics defining class (Schedule 1).
   - 5.3 Provide details of the relevant emissions approval number (including extensions)—with reason for the extensions having been issued *or* provide the DTp type approval job number (if applicable).

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(for DTp use)

SCHEDULE 5 Article 14

FORM OF LABEL

**PASSENGER CAR FUEL CONSUMPTION ORDER 1983**

**FUEL CONSUMPTION TESTS**

**MODEL/MODELS**

The results recorded in an official fuel economy certificate of the officially approved tests for determining fuel consumption carried out on a car of this model/range of models are as follows:

**SIMULATED URBAN DRIVING** ..... **mpg**

**CONSTANT SPEED DRIVING**
**90 kph (56 mph)** ..... **mpg**

**CONSTANT SPEED DRIVING**
**120 kph (75 mph)** ..... **mpg**

**IMPORTANT NOTE**

The results given above do not express or imply any guarantee of the fuel consumption of the particular car to which this label is attached. The car itself has not been tested and there are inevitably differences between individual cars of the same model. In addition, this car may incorporate particular modifications. Furthermore the driver's style and road and traffic conditions, as well as the extent to which the car has been driven and the standard of maintenance, will all affect its fuel consumption.

*Information as to the results of officially approved tests on all cars tested is available for inspection by customers on the premises where this car is displayed.*

## EXPLANATORY NOTE

*(This Note is not part of the Order.)*

This Order revokes and re-enacts with amendments the Passenger Car Fuel Consumption Order 1977. The amendments, apart from drafting changes are as follows—

(1) The requirements for officially approved tests are extended to four wheel drive and diesel engined cars of a class manufactured after 1st June 1984 (Article 4(2)). The appointed day for the purpose of section 15(3) of the Energy Act 1976 for cars of classes which comprise cars of this description is 1st December 1984 (Article 12).

(2) The test procedure contained in Schedule 2 to the 1977 Order is discontinued. In its place (Article 6) provision is made for tests to be carried out under either the procedure contained in ECE Regulation 15 incorporating the 04 series of amendments ("the ECE test procedure") or the procedure contained in Council Directive 80/1268/EEC ("the EEC test procedure"). In this respect the Order fulfils the obligations arising from the Directive.

(3) Under the ECE test procedure and the EEC test procedure, the constant speed test at 120 km/h becomes mandatory for all vehicles with a design speed of 130km/h or more. Under the 1977 Order, this test was voluntary.

(4) Article 7 provides for the recording of the test results in an official fuel economy certificate. Where a document in the form set out in the ECE Regulation ("an ECE fuel consumption document") or the EEC directive ("an EEC fuel consumption document") has already been issued by the competent authority of an appropriate state it is not necessary to submit detailed test results and a form of application is prescribed in Schedule 2, Part I. In other cases, detailed test results must be furnished in the form prescribed in Schedule 2, Part II.

(5) The provisions whereby the Secretary of State may require a test to be repeated apply only where an ECE fuel consumption document or an EEC fuel consumption document has not been previously issued.

(6) Article 8 provides for the method of calculation of fuel consumption.

(7) Article 10 makes provision that, in cases where an EEC fuel consumption document or an ECE fuel consumption document has not been issued, the manufacturer or importer may notify the Secretary of State of changes in technical characteristics of a class of car in respect of which an official fuel economy certificate has previously been issued. The Secretary of State may then, if appropriate, notify the manufacturer that a further test is not required. A form of notification is prescribed in Schedule 4.

(8) Article 15 provides that a person who acquires a new car for the purpose of financing its acquisition by a customer from a third person, or who acquires a new car for the purpose of financing its use by means of hiring it is not to be regarded as a person who deals in new cars.

(9) The list of technical characteristics contained in Schedule 1 defining a car's class is amended by:

*(a)* deleting references to—

(i) the cubic capacity of the engine

(ii) the maximum power of the engine and engine speed at which this occurs

(iii) the cooling system

(iv) the ignition system

(v) the exhaust system

(vi) the lubricant specification recommended by manufacturer

(vii) the type of gear change

*(b)* by adding references to:—

(i) the internal characteristics of the engine affecting its power-speed curve

(ii) the type of fan and its method of drive

(iii) the ignition characteristics

(iv) the type of transmission

(v) the number of gears

(vi) the final drive ratio

(vii) the type of bodywork, including any aerodynamic aids

(viii) any devices and equipment whose object is to influence fuel economy

*(c)* by making minor drafting changes to the following items:—

(i) the reference mass

(ii) the tyres ordinarily fitted by the manufacturer.

Copies of the EEC Directives and ECE Regulations (these are regulations prepared by the United Nations Economic Commission for Europe, annexed to the Agreement of 20th March 1958 as amended (Cmnd 2535 and 3562) relating to conditions for approval for motor vehicle equipment and parts, and accepted from time to time by the Governments which are parties to that Agreement) and which are referred to in this Order can be obtained from Her Majesty's Stationery Office.

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