

**IM Foreword - Goods Vehicle Eligibility to SVA- Issue date 01/06/2010**

The Inspection Manual Foreword, item 2 Application, has been amended in respect of the eligibility of Goods Vehicles to the scheme.

Only Goods Vehicles having 4 or more wheels are eligible.

Please replace pages 3, 4, 5 and 6 with the attached pages dated May 2010.

---

**This page is intentional left blank to allow double sided printing of manual pages**

---

Section	Page No	Issue	Section	Page No	Issue
<b>Foreword</b>	5,6, 7-11,	May 2010 Mar 2004	<b>6 Interior Fittings</b>	1-6, 1, 1,	Mar 2004 Dec 1996 Mar 2004
<b>ENHANCED REQUIREMENTS</b>			<b>Annex: Specified Zone Exemptions</b>		
<b>Annex 2:Assessment Below Instrument Panel</b>					
<b>General</b>	1,	Mar 2004	<b>Exterior</b>		
<b>E1 Anti-Theft Device</b>	1,	Mar 2004	<b>7* Radio Suppression</b>	1,	Dec 2000
<b>E5a Seat Belt Anchorages</b>	1,2,3,	Mar 2004	<b>8 Glazing</b>	1,2,3	Mar 2004
<b>E5b Seat Belt Installation</b>	1,2,3,4,5,	Mar 2004	<b>9.1 Lighting/Signalling (obligatory)</b>	1-6,	Mar 2004
<b>Annex 1: Seat Belt Installation Requirements</b>	1	Mar 2004	<b>Annex 1: Req. for Obligatory Lamps</b>	1,	June 2000
<b>Annex 2: Additional Information</b>	1	Mar 2004	<b>Annex 2: Horizontal Angles of Visibility</b>	2,	Mar 2004
<b>E14a Protective Steering</b>	1,2	Mar 2004	<b>Annex 3: Vertical Angles of Visibility</b>	1,	May 1999
<b>E14b Frontal Impact</b>	1,	Mar 2004	<b>Annex 4: Measurement of Angles of Visibility</b>		Dec 1997
<b>E14c Side Impact</b>	1,2,	Mar 2004	<b>Annex 5: Lamp Apparent Surface</b>	1,	May 1999
<b>E16* Brakes</b>	1,2,3,4	Mar 2004	<b>Annex 6: Lamps in close proximity</b>	1,	Mar 2004
<b>Annex: Brake Performance</b>	1,	Mar 2004	<b>Annex 7: Lamps in close proximity</b>	1,	Mar 2004
<b>E17* Noise</b>	1,2	Mar 2004	<b>9.2 Lighting/Signalling (optional)</b>	1,3	Mar 2004
<b>E18a* Emissions</b>	1,	Mar 2004	<b>Annex: Requirements for Optional lamps</b>	2,	Dec 2000
<b>E18b CO2/fuel consumption</b>	1,	Mar 2004		1,	Dec 1996
<b>Annex 1: Requirements/Comparable Standards</b>	1-15,	Mar 2004		2,	Dec 1997
<b>Annex 2a: Immobiliser Requirements</b>	1,2,	Dec 2000	<b>9.3 Aim of Headlamps</b>	2,3,4,	Dec 1997
<b>Annex 2b: Alarm System Requirements</b>	1,2	Dec 2000		1,	Dec 2000
<b>STANDARD REQUIREMENTS</b>			<b>10 Mirrors</b>	3,4,	June 2000
<b>Annex: Non-European Standards</b>	1,2,3	Mar 2004		1,	Dec 2000
<b>Interior</b>				2,	Mar 2004
<b>1 Anti-theft Device</b>	1,	Mar 2004	<b>Annex 1: Alternative Criteria for Motor Ambulances /Motor Caravans (3501kg -7500kg GVW)</b>	1,	June 2000
<b>2 Defrosting/Demisting</b>	1,	Mar 2004	<b>Annex 2: Mirror Field of View Check</b>	1,	Dec 1997
<b>Annex: Windscreen "Horizontal Plane"</b>	1,	June 2000	<b>Annex 3: Alternative Test Procedure</b>	1,2,3,4	Mar 2004
<b>3 Windscreen Wipers and Washers</b>	1,	Dec 2000		3,	Dec 1996
	2,	Dec 1996	<b>11 Tyres</b>	1,2,	May 1998
<b>4 Seats and Anchorages</b>	1,	Mar 2004		4,	June 2000
<b>5 Seat Belts and Anchorages</b>	1-8,	Mar 2004	<b>Annex 1: Speed Categories</b>	1,	Dec 2000
<b>Annex 1: Anchorage Strength Assessment</b>	1,3, 2,4-9,	Dec 1996 Mar 2004	<b>Annex 2: Tyre Capacity Tables (Ply Rated)</b>	1,	Dec 96
<b>Annex 2: Obligatory Requirements</b>	1,2	Mar 2004	<b>Annex 3: Tyre Capacity Tables (Load Index)</b>	1,	Dec 96
<b>Annex 3: Additional Information</b>	1,	Mar 2004	<b>Annex 4: Calculation Maximum Axle Weight</b>	1,	June 2000
<b>Annex 4:Upper Anchorage Location</b>	1,	Dec 1996	<b>12 Doors, Latches, Hinges</b>	1,2,	Mar 2004

**NOTE:**All items are applicable to Passenger Vehicles, but only the items marked “\*” are applicable to Goods Vehicles.

# Contents

---

Section	Page No	Issue
13	<b>Exterior Projections</b>	1-6, Mar 2004
	Annex 1: Vehicle Assessment	1-6, Mar 2004
	Annex 2: Floor Line	1, Mar 2004
<b>Underside</b>		
14*	<b>Protective Steering</b>	3,4,5 Dec 1996
		1,2, Mar 2004
	Annex: Vehicle Assessment	1,2, Dec 1996
		3, Dec 2000
15.1*	<b>Vehicle Design and Construction</b>	1,2,3,4 Mar 2004
15.2*	<b>Vehicle Design and Construction</b>	1,2 Mar 2004
16.1*	<b>Brakes (Systems)</b>	2, Dec 1996
		1, Mar 2004
16.2*	<b>Brakes (Service controls)</b>	3,4, Dec 1996
		1,2, Mar 2004
16.3*	<b>Brakes (Parking controls)</b>	1,2, Mar 2004
16.4*	<b>Brakes (Hydraulic &amp; Vac)</b>	3,5 Dec 1997
		1,2,4 Mar 2004
16.5*	<b>Brakes (Brake Performance)</b>	1-10, Mar 2004
	Annex: Brake Performance	2, May 1998
		1, June 2000
<b>Specific Tests</b>		
17*	<b>Noise</b>	2, Dec 2000
		1, Mar 2004
18*	<b>Emissions (Spark Ignition)</b>	1-14, Mar 2004
19*	<b>Emissions (Diesel)</b>	1,2,3, Mar 2004
20	<b>Speedometer</b>	1,2, Mar 2004
21	<b>Design Weights</b>	3, Dec 1996
		1,2, Dec 2000
	Annex: Weight Calculations	1, Dec 1996
22	<b>Manufacturer's Plate</b>	1,2, Mar 2004
	<b>Glossary of Terms</b>	1,2, Mar 2004
	<b>Annex 1:</b>	1, Mar 2004

**NOTE:** All items are applicable to Passenger Vehicles, but only the items marked “\*” are applicable to Goods Vehicles.

## 1. Foreword

This Manual is a detailed guide on the inspection of vehicles submitted to an official testing station under the Single Vehicle Approval (SVA) scheme.

It is produced for the examiners who carry out the inspections and for vehicle presenters and other interested parties who wish to familiarise themselves with the technical requirements and inspection procedures.

## 2. Application

The Single Vehicle Approval scheme applies to

### a. Passenger and Dual Purpose Vehicles with

- four or more wheels and not more than eight seats in addition to the driver's seat.
- three wheels and not more than eight seats in addition to the driver's seat and a maximum gross weight of more than 1000kg.
- three wheels and a maximum gross weight not more than 1000kg and an unladen weight of more than 410kg (ie not a motorcycle) and either
  - a design speed exceeding 50km/h (31mph), or
  - an engine capacity exceeding 50cc.

**NOTE 1:** Where a vehicle is fitted with seats that do not have seat belts, eg. Side or rear facing seats, the number of seating positions for those seats should be obtained by the summation of seating positions for each seat, obtained by dividing the width of each seat base cushion by 400mm.

**NOTE 2:** A "seating position" is where there is provision for a seat due to the presence of seat anchorage points.

### b. Goods Vehicles (including tractor units of articulated vehicles) with;

- four or more wheels, and
- a design gross weight not more than 3500kg

Or

- four or more wheels, and
- a design gross weight more than 3500kg but not more than 5500kg, and
- down-plated to a design gross weight of 3500kg, and
- a kerbside weight not more than 3425kg, and
- belonging to the same family of types as at least one vehicle granted a Minister's Approval Certificate under the above goods or passenger categories.

**NOTE 1:** "Family of types" means, of the same manufacturer, the same basic chassis/floor pan, and the same power plant e.g. Internal Combustion/Electric/Hybrid.

**NOTE 2:** A vehicle will only be considered a "van" (and as such subject to the goods vehicle criteria) if it was designed and constructed principally for the carriage of goods. The removal of seats will only change the vehicle to a "van" if the vehicle was originally a "van" ie originally constructed principally as a goods vehicle or it can be demonstrated that the vehicle has been fully converted to a goods vehicle specification equivalent to that produced by the manufacturer. If this criteria can be met, the vehicle will be eligible to test as a goods vehicle.

### c. Motor Caravans and Ambulances

## 3. Obligatory Minister's Approval Certificates

In order to obtain a licence and be registered for the first time in the UK, all the classes of vehicle mentioned in item 2 will need to obtain a Minister's Approval Certificate (MAC) except the following

- Motor Caravans
- Motor Ambulances
- a vehicle which has been issued with a Minister's Approval Certificate under GB National Type Approval
- a vehicle which has been issued with an EC certificate of conformity
- a vehicle which has been issued with a Minister's Approval Certificate on the basis that it has been suitably approved and registered in another EEA member state
- a vehicle which is at least 10 years of age
- a vehicle used by a member of a "visiting force".

The MAC may either be issued as a result of satisfying the requirements of the Approval regulations (Single Vehicle Approval), or in the case of a passenger or dual purpose vehicle, by satisfying the requirements of the Motor Vehicles (Type Approval) (Great Britain) Regulations 1984, or in the case of a goods vehicle or tractor unit, by satisfying the requirements of the Motor Vehicles (Type Approval for Goods Vehicles) (Great Britain) Regulations 1982.

**NOTE 1:** For a precise legal definition of vehicles to which the Approval regulations apply, see regulation 4 of the Approval regulations.

**NOTE 2:** For a precise legal definition of which vehicles require a MAC before they can be registered, see regulation 14 of the Approval regulations.

## 4. Approval Process

There are two parts to the Approval process. The first part “the Enhanced Requirements” only applies to certain vehicles, in general, those imported on a commercial basis that do not align to one of the definitions “a” to “f”, “h”, “i” and “j” listed in item 9 of this section.

The standards applicable are those given in Annex 1 to the “Enhanced Requirements” section of this manual, and are dependent on the date of manufacture of the vehicle.

The onus is on the applicant to provide evidence of compliance. This can, for example, be in the form of manufacturer’s markings on the vehicle, documentary evidence from the competent authority in the country of origin or the manufacturer, submission of a test report from an accredited testing authority or a combination of such elements, and it may also include a degree of visual examination and practical tests.

Applications and supportive documentation will be assessed prior to the issue of an appointment. Examination of the vehicle will include verification checks to confirm as far as possible compliance with the required standards.

The second part “the Standard Requirements” are applicable to all vehicles other than in respect of a class “R” vehicle where the requirements in respect of Protective Steering, Emissions (item 18 only), Seat Belt Anchorages (other than in the case of a “Disabled Person’s Vehicle”) and Noise will not apply if the vehicle has been found to meet the ESVA requirements for these items.

The examination criteria for this part of the process is contained in the ‘Standard Requirements’ sections 1 to 22 of this manual.

## 5. Scope of inspection

The design and construction requirements applicable to any particular vehicle are contained in The Motor Vehicles (Approval) Regulations 2001 as amended (the Approval Regulations). The inspection procedures within this manual have been developed to assess as far as practicable the ability of the vehicle to comply with the requirements. This manual is not a legal interpretation of the Regulations.

The issue of a Minister’s Approval Certificate should not be taken as absolute evidence that the vehicle complies with the Approval Regulations or that the vehicle can legally be used on the road because, for example, the requirements relate only to construction, not condition, however, the Approval Regulations are compatible with the construction requirements of The Road Vehicles (Construction and Use) Regulations and The Road Vehicles Lighting Regulations and wherever practicable applicants will be advised if their vehicle is likely to be in breach of these regulations.

**NOTE:** The vehicle will be assessed for compliance in all modes of operation unless otherwise specified, for example

- in the case of a convertible vehicle, with the hood up and with the hood down.
- if dual fueled, when running on each separate fuel source.
- if fitted with a remote engine air/fuel ratio adjustment device in minimum/maximum positions.

## 6. Refusal to examine

The examination of a vehicle may be refused for any of the following reasons

- the vehicle is not submitted for examination at the time and place appointed
- the fee has not been paid
- the vehicle cannot be driven or has insufficient fuel or oil to enable the test to be completed
- the vehicle is presented in a dirty or dangerous condition such as to make it unreasonable for the examination to be carried out
- a load or items on the vehicle are not secured or removed as requested
- a proper examination cannot be carried out because any door, tailgate, boot lid, engine cover, fuel cap or other device designed to be readily opened cannot be opened
- the condition of the vehicle (in the opinion of the examiner) is such that proper examination of the vehicle would involve a danger of injury to any person or damage to the vehicle or any other property.