SPECIFICATION

13 PIN EURO TRAILER SOCKET WIRING TESTER FOR TESTING CLASS 3, 4, 5 and 7 VEHICLES

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MOT Technical Standards
Vehicle and Operator Services Agency
Berkeley House
Croydon Street Tel. 0117 954 2553
BRISTOL BS5 0DA Fax. 0117 954 3440

1. INTRODUCTION

This Specification details the MINIMUM performance and constructional requirements for the 13 pin Euro trailer socket wiring tester intended to be used for the statutory annual MOT testing of Class 3, 4, 5 and 7 vehicles in accordance with the Motor Vehicle (Tests) Regulations 1981, as amended.

The Specification does not rule out additional features supplied with the equipment provided that the features are acceptable on Health and Safety grounds and do not prevent or make it more difficult to carry out the MOT Test as prescribed.

2. TECHNICAL REQUIREMENTS

The tester shall have a standard 13 pin Euro plug relaying the signal from pins 1 to 7 to a display. The display must be readable by a tester operating the vehicle lighting controls when in the driving seat of a typical vehicle in the test class authorised.

The device must meet the following criteria:

a) be of robust construction to an acceptable engineering standard.

b) be manufactured to the prerequisite electrical connection standard.

c) have a self check/confirmation facility.

d) be capable of connecting to a standard 13 pin Euro socket.

e) capable of giving a positive indication of continuity/output from Pins 1 to 7 (as defined in the standard wiring format)

1 left indicator.
2 fog light.
3 white earth.
4 right indicator.
5 right tail/side light.
6 brake stop lights.
7 left tail/side light.

Other light testing functions may be included but must be clearly indicated as not part of the MOT test.

g) be useable at the same time as the NT is checking the warning lamps of the lights under test in the cab.

h) be constructed of, or coated with, a material that will prevent undue wear and tear in use and enable the equipment to be easily cleaned for use inside a vehicle.

i) operate effectively over a reasonable working life.

3. OPERATING INSTRUCTIONS

Comprehensive operating instructions will be supplied with each device and shall:

a) be written in English

b) explain clearly how to operate the equipment having regard to Health & Safety.

4. IDENTIFICATION

The equipment shall be marked with a durable identification as shown on the approval certificate, clearly identifying the make and model, a copy of the approval certificate will also be supplied with the equipment.