

Extract from

## TRAFFIC SIGNS MANUAL - CHAPTER 8

### Traffic Safety Measures and Signs for Road Works and Temporary Situations

#### Part 2: Operations

#### 05.5 TEMPORARY TRAFFIC MANAGEMENT VEHICLE SPECIFICATIONS

**05.5.1** Vehicles used for the installation, maintenance and removal of static traffic management on high-speed roads shall comply with the following specifications in paragraphs 05.5.2 to 05.5.5. Compliance with these specifications is also recommended for use on all types of highway irrespective of speed limit.

#### 05.5.2 Inspection/supervisor vehicles

- conspicuous colour (e.g. yellow or white – a non-reflective yellow colour, No. 355 (lemon) to Table 1 of BS 381C: 1996 “Specification for colours for identification, coding and special purposes” is recommended);
- 70mm capital letter height “HIGHWAY MAINTENANCE” sign to diagram 7404 (externally mounted on rear of vehicle) (see also paragraph 05.2.8);
- roof-mounted amber light bar (visible 360°) with a minimum of two independent light sources;
- “Class RA2” to BS EN 12899-1 or microprismatic reflective markings on the rear of the vehicle in accordance with paragraph 05.2.3 (c) or (d); and
- company or client livery on side of vehicle.

#### 05.5.3 Traffic management/maintenance vehicles (personnel/equipment carrier)

- conspicuous colour (e.g. yellow or white – a non-reflective yellow is recommended (see paragraph 05.5.2));
- 140 mm capital letter height “HIGHWAY MAINTENANCE” sign to diagram 7404 (externally on rear of vehicle) (see also paragraph 05.2.8);
- “Class RA2” to BS EN 12899-1 or microprismatic reflective markings on the rear of the vehicle in accordance with paragraph 05.2.3;
- all seats shall be fitted with head restraints and 3 point inertia reel belts;
- working lights;
- reversing bleeper;
- front roof-mounted amber light bar (visible 360°) with a minimum of two independent light sources, and rear-mounted flashing amber beacons (visible 360°);
- company or client livery on side of vehicle;
- high visibility fluorescent yellow retroreflective strip along side of vehicle; and
- CCTV for rearward vision.

#### 05.5.4 Equipment installation/removal vehicles

- conspicuous colour (e.g. yellow or white – a non-reflective yellow is recommended (see paragraph 05.5.2));
- 140 mm capital letter height “HIGHWAY MAINTENANCE” sign to diagram 7404 (externally mounted on rear of vehicle) (see also paragraph 05.2.8);
- “Class RA2” to BS EN 12899-1 or microprismatic reflective markings on the rear of the vehicle in accordance with paragraph 05.2.3;
- all seats shall be fitted with head restraints and 3 point inertia reel belts;
- working lights;
- reversing bleeper;
- front roof-mounted amber light bar (visible 360°) with two independent light sources, and rear-mounted flashing amber beacons (visible 360°);
- company/client livery on side of vehicle;
- high visibility fluorescent yellow retroreflective strip along side of vehicle;
- special adaptation to provide a low level working platform with a guard rail arrangement within the normal width of the vehicle (e.g. tail lift or well);
- driver/operative intercom system; and
- CCTV for rearward vision.

#### 05.5.5 Impact protection vehicles

- conspicuous colour (e.g. yellow or white – a non-reflective yellow is recommended (see paragraph 05.5.2));
- 10 tonne minimum on the road weight;
- lorry-mounted crash cushion (LMCC) – see Section 05.4. For details of the latest specification for LMCCs see Departmental Standard TD 49 “Requirements for lorry-mounted crash cushions” (DMRB 8.4.7);
- automatic brake activation system in accordance with Appendix 4.2; see also paragraph 05.4.4;
- signing equipment in accordance with Section 010.7;
- light arrow sign in accordance with Section 010.8;
- reversing bleeper;
- 140 mm capital letter height “HIGHWAY MAINTENANCE” sign to diagram 7404 (externally mounted on rear of vehicle) (see also paragraph 05.2.8);
- “Class RA2” to BS EN 12899-1 or microprismatic reflective markings on the rear of the vehicle in accordance with paragraph 05.2.3 (c) or (d) when LMCC is in the stowed position;

- front-mounted amber light bar with two independent light sources and rear-mounted flashing amber beacons visible when the cushion and the light arrow are in the stowed position;
- all seats shall be fitted with head restraints and seatbelts with a minimum of three points of anchorage to the vehicle; and
- CCTV for rearward vision.

NOTES:

1. A vehicle complying with this specification can also be used for the installation and removal of longitudinal coning as long as it is fitted with a special adaptation to provide a low-level working platform with a guard rail arrangement within the normal width of the vehicle i.e. a "coning well".
2. The light arrow sign shall not display any form of arrow when on a two-way single carriageway road and, other than at the scene of an incident, the light arrow sign shall not display any form of arrow when on a hard shoulder of a dual carriageway.