

**AMENDMENT NO: 1 APPROVED ON 2007- 07 - 27  
TO SLS 517 : 1994 (FIRST REVISION)**

**SRI LANKA STANDARD  
SPECIFICATION FOR PROTECTIVE HELMET FOR VEHICLE USERS  
(FIRST REVISION)**

**General**

Wherever “SLS .....\*” appears in the text of the standard it shall be read as “SLS 1069”.

**Clause 5.2.1**

Delete the contents and substitute with the following.

**5.2.1 General**

The construction of the helmet shall be essentially in the form of a shell containing the necessary additional means of absorbing impact energy secured within the shell. Anchorages for the tethers for a head and neck support system as used in motor car sports are permitted.

**Clause 5.4.4**

Delete the contents and substitute with the following.

**5.4.4 Oblique impact resistance**

**5.4.4.1** These tests are not applicable to the head and neck support system as used in motor car sports.

**5.4.4.2 Bar anvil**

When the helmet is tested by the method described in **Appendix S** using the bar anvil, the peak longitudinal force measured on the anvil shall not exceed 2.5 kN, nor shall its integral with time exceed 12.5 N's for any of the special impacts.

**NOTE:** *This test is intended to assess the force caused by projections, for example visor fittings, screws, press studs and steps in the shell surface.*

#### 5.4.4.3 Abrasive anvil

When the helmet is tested by the method described in **Appendix S** using the abrasive anvil, the peak longitudinal force measured on the anvil shall not exceed 4 kN, nor shall its integral with time exceed 28 N's for any of the special impacts.

**NOTE:** *This test is intended to assess the force caused by friction against the surface of the helmet. It is particularly applicable to selected areas of helmets, the shells of which either have significant variations of curvature or are made of more than one material.*

#### Clause 7.1

Add the following as h).

h) either a statement that any helmet fitted with the head and neck support system ( see **5.2.1**) is for motor car sports use only; or a pictogram showing that the helmet is **NOT** for use by motor-cyclists.

#### Clause 7.2

Delete the contents of a) and substitute with the following.

a) the type of helmet i.e. type A or type B.

#### Clause 9.1

Delete the contents of e) and substitute with the following.

e) For helmets fitted with a single chin strap but no auxiliary strap, words to the following effect: The chin strap must pass underneath the jaw and must be securely fastened to maintain tension all the time the helmet is in use; for helmets which are intended for use by motor-cyclists, be securely fastened to the head.

On no account must a chin cup be used with this helmet.

Delete the contents of f) and substitute with the following.

f) For helmets fitted with more than one strap, words to the following effect: All these straps identified as essential must be securely fastened to maintain tension all the time the helmet is in use; for helmets which are intended for use by motor-cyclists, be securely fastened to the head.

Add the following as k)

k) Where required by 5.2.1, words to the following effect:

This helmet has been designed for use with a head and neck support system and is intended for motor car sports use only. It must not be used by motor-cyclists.

## Clause 9.2

Delete the contents and substitute with the following.

### 9.2 Warning label

Every helmet having a shell made of a thermoplastics material shall bear a warning label, attached to the chin strap or to a suitable stud, bearing the words and in the layout of the label shown in **Figure 3a**. The label can consist of stiff card measuring at least 45 mm × 120 mm. The lettering shall be red on a white background and shall consist of the legend “WARNING” in 12 point bold capitals and “Do not paint or apply solvents” in 24 point bold capitals. No other inscription or mark shall be placed on the same side of the card as this warning.



FIGURE 3a – Warning label

Add the following new clause as 9.3

### 9.3 Warning label for helmets with head and neck support systems

a) Every helmet fitted with a head and neck support system shall bear a warning label attached to the chin strap or to a suitable stud, bearing the words and in the layout of the label shown in **Figure 3b**. The label shall consist of stiff card measuring at least 45 mm × 120 mm. The lettering shall be red on a white background and shall consist of the legend “WARNING” in 24 point bold capitals and “This helmet has been designed for use with a head and neck support system and it

intended for motor car sports use only. It must not be used by motor-cyclists.” in 12 point bold capitals. No other inscription or mark shall be placed on the same side of the card as this warning.

b) The point of sale packaging or box for the helmet shall carry the above detailed warning information in the described format. This shall be on the top and one side of the packing or box.

**NOTE:** *The requirements of (9.1), (9.2) and (9.3) for three types of label may be achieved by two labels complying with all sets of requirements.*



FIGURE 3b – Warning label for helmet for motor car sports use