

Amendment No. 1 Approved on 2005 -05-12  
To SLS 1186 : 1999

## SRI LANKA STANDARD SPECIFICATION FOR 600/1000 V AND 1900/3300 V ARMOURED ELECTRIC CABLES HAVING THERMOSETTING INSULATION

### 1. FOREWORD

*Add the following immediately after the 2<sup>nd</sup> paragraph.*

New colours for core identification have been introduced by Amd. 2 : 2004 to 16<sup>th</sup> Edition of \*IEE Wiring Regulations which is the applicable wiring regulations in Sri Lanka.

The new core colours are as follows:

Single phase : Brown (Live), Blue (Neutral) Green-and-yellow (Earth)

Three phase : Brown, Black and Grey (Live), Blue (Neutral) Green-and-yellow (Earth)

These new core colour systems have been effective from 2004-04-01 and existing core colour code also remains effective until 2006-03-31 as per the \*IEE Wiring Regulations. Where an alteration or an addition is made to an electrical installation unambiguous identification is required at the interface.

### 2. Clause 5.3 IDENTIFICATION OF CORES

*Delete the existing text of Clause 5.3.1 General, and substitute with the following :*

The cores of all cables shall be identified either by numbers or by colours. Numbers shall be marked sequentially starting with the number 1.

#### Number of cores

#### Core Colour Identification

|             | <i>Existing Core Colours</i>                      | <i>New Core Colours</i>                          |
|-------------|---|--|
| Single core | red or black                                      | brown or blue                                    |
| Two core    | red, black  | brown, blue                                      |
| Three core  | red, yellow, blue                                 | brown, black, grey                               |
| Four core   | red, yellow, blue, black                          | brown, black grey, blue                          |
| Five core   | red, yellow, blue, black,<br>green - and - yellow | brown, black, grey, blue,<br>green - and -yellow |

**NOTE** : Refer Guidance given in Appendix 7, harmonized cable core colours in IEE Wiring Regulations. (BS 7671 :2004 )

The colour shall be applied either throughout the insulation or on its external surface.

Numbers on each core shall be printed in a colour contrasting with that of the insulation. The height of the individual number shall be not less than 1.5 mm.

The spacing shall be such that each number is repeated at intervals not greater than 70 mm. Conformity shall be checked by visual examination and measurement.