AMENDMENT NO. 2 APPROVED ON 2006-02-21
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 2nd paragraph.
New colours for core identification have been introduced by Amd. 2 : 2004 to 16th Edition of *IEE Wiring Regulations which is the applicable wiring regulations in Sri Lanka.

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.

Amendment No.1 is replaced by this Amendment No.2, which is to introduce Colour Coding Sequence along with the core colour system for identification.

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. Colour coding shall be in accordance with the following sequence.

Number of cores	**Core colour identification and sequence**	
	Existing core colours	***New core colours***
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, green-and-yellow	brown, black, grey green-and-yellow, blue

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.

*Institution of Electrical Engineers, UK