SRI LANKA STANDARD 923 : PART 1 : 1991

UDC 674. 04 : 621. 315. 66 : 66. 099. 4

SPECIFICATION FOR

COPPER/CHROME/ARSENIC PRESERVATIVE TREATMENT OF WOOD POLES FOR OVERHEAD POWER AND TELECOMMUNICATION LINES

PART 1 : TREATMENT PROCESSES

SRI LANKA STANDARDS INSTITUTION

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Gr.7

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SRI LANKA STANDARD

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FOREWORD

This Standard was authorized for adoption and publication by the Council of the Sri Lanka Standards Institution on 1991.04.02, after the draft, finalized by the Drafting Committee on Wood Poles for Overhead Power and Telecommunication Lines, had been approved by the Electrical Engineering Divisional Committee.

Copper/chrome /arsenic (CCA) preservative is the most widely used preservative for wood poles throughout the world. It has also proved effective for treating a wide range of species for a variety of applications from building timbers to marine piles due to the following advantages.

a) The solvent water is readily avilable.
b) Retentions can be easily adjusted by varying the concentration of the treating solution.
c) Evaporation is negligible.
d) The preservative is odourless and non-oily.
e) Economy in freight.

This part (Part 1) of the standard specifies compositions of the preservative, the methods of application, the retentions and penetrations desired from the prescribed treatment and a method for assesing the effectiveness of the treatment.

Part 2 of this standard specifies test methods.

All values given in this specification are in SI units.

For the purpose of deciding whether a particular requirement of this standard is complied with, the final values observed or calculated expressing the result of a test or an observation shall be rounded off in accordance with CS 102. The number of significant figures to be retained in the rounded off values shall be the same as that of the specified value in this standard.

The Sri Lanka Standards Institution gratefully acknowledges the use of relevant publications of the British Standards Institution in the preparation of this standard.