

CEB STANDARD 076 : 1999

Specification

For

CRIMP TYPE COPPER SEALING FERRULES



CEYLON ELECTRICITY BOARD

SRI LANKA

SPECIFICATION
FOR
CRIMP TYPE COPPER SEALING FERRULES

CEB Standard 076 : 1999

CEYLON ELECTRICITY BOARD

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SPECIFICATION FOR CRIMP TYPE COPPER SEALING FERRULES

1.0 SCOPE

This Specification covers the General requirements of manufacture and supply of Crimp Type Copper Sealing ferrules for use with sealing wire for sealing the electrical equipment.

2.0 BASIC FEATURE

- i) The Crimp type sealing ferrules shall be suitable for sealing electricity meter, meter boxes and service cutouts to prevent tempering and theft of electricity.
- ii) The crimp type sealing ferrule shall be made of copper / copper alloy and tinned to prevent oxidation.
- iii) The length of the ferrules shall not be less than 7 mm and the external diameter shall not be less than 4 mm. The ferrules shall have a hole of 3mm diameter to accommodate the sealing wire of 1mm diameter. The sealing ferrules shall be smooth and there shall be no sharp edges.
- iv) The Crimp type sealing ferrule shall be suitable to be used with the following types of galvanized mild steel / high tensile steel sealing wires;

Type A A mild steel wire of 0.3mm diameter conforming to BS 1052 spirally wound round a 0.5mm diameter mild steel wire.

Type B A stranded steel wire with seven strands of high tensile steel wires of 0.914mm diameter conforming to BS 2763

- v) The copper sealing ferrule shall be suitable for crimp sealing with hand crimping tool, and shall provide an effective grip with the sealing wires mentioned above.

3.0 ADDITIONAL REQUIREMENTS

3.1 Packing

The Crimp type copper sealing ferrules shall be packed and supplied in cardboard boxes. Each cardboard box shall contain 1000 numbers of copper sealing ferrules.



3.2 Marking

Each cardboard box shall be marked clearly with the following information.

- a) Ceylon Electricity Board
- b) Crimp Type Copper Sealing Ferrules
- c) Quantity
- d) Weight.....
- e) Manufacturer identification mark
- f) Country of origin
- g) Year of manufacture
- h) Package serial number

4.0 INFORMATION TO BE SUPPLIED WITH THE OFFERE

The Bidders shall furnish the following information with the offer

- a) Name of manufacturer
- b) Place of manufacture
- c) Material of sealing ferrule
- d) Length of sealing ferrule
- e) Outer diameter of sealing ferrule
- f) Diameter of the hole
- g) Whether the sealing ferrule is tinned
- h) Slipping tensile load (in kg)

5.0 SAMPLE

Ten samples of crimp type copper sealing ferrules shall be supplied with the offer to facilitate evaluation of bid.

Offers of Bidders who fail to furnish the sample as per Clause 5.0 and the information as per Clause 3.0 will be rejected.



APPROVAL OF CEB STANDARDS

CEB Standard No. : CEB Standard 076 : 1999
Title of the Standard : Specification for Crimp Type Copper Sealing Ferrules
Date of Approval : January 1999

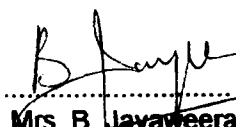
This is to certify that the above Standard has been recommended by us for adoption in the CEB.



.....
A M Tissera

Chairman

Specification Committee



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Mrs. B Jayaweera

Member

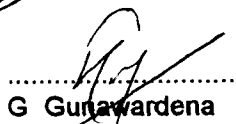
Specification Committee



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R J Gunawardena

Member

Specification Committee



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G Gunawardena

Member

Specification Committee



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K K A C Samarasinghe

Member

Specification Committee



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A K Jayaparendran

Convenor

Specification Committee

CEB Standard 076 : 1999 - Specification for Crimp Type Copper Sealing Ferrules is approved for adoption in the CEB.


**General Manager,
Ceylon Electricity Board.**

25-02-25

Date :

Amendment Slip No. 01
Effective from 07th February 2003
To CEB Standard 076 : 1999

Specification for Crimp Type Copper Sealing
Ferrules

REVISED TEXT

February 2003

**THE PROPOSED AMENDMENT TO CEB STANDARD 076 : 1999
SPECIFICATION FOR CRIMP TYPE COPPER SEALING FERRULES**

2.0 BASIC FEATURES

To amend the sub Clause iii) to read as follows:

"The length of the ferrule shall be 5.0mm with a tolerance of +1mm. Outer diameter of the ferrule shall be 4.0mm with a tolerance of ± 0.05 mm and inner diameter shall be 2.0mm with a tolerance of ± 0.05 mm. The ends of the ferrule shall be chamfered for easy insertion of sealing wire. The sealing ferrules shall be smooth and free from sharp edges."

3.0 INFORMATION TO BE SUPPLIED WITH THE OFFER

To add the following to the clause 4.0

"j) Whether the both ends of the ferrules are chamfered"