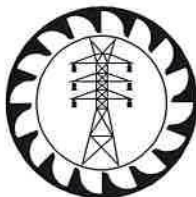


069: 2017

CEB
SPECIFICATION

DANGER SIGN BOARDS



**CEYLON ELECTRICITY BOARD
SRI LANKA**



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SPECIFICATION FOR DANGER SIGN BOARDS

1.0 SCOPE

This Specification covers the general requirements of design and manufacture of danger sign boards for use in the electrical distribution networks.

2.0 BASIC FEATURES

The danger sign boards will be used in the electrical distribution system to indicate the area of risk from electricity danger potentials.

The danger sign boards shall be made of aluminium sheet of thickness not less than 2mm and the dimension of the Board shall be as indicated in the Drawings.

The Danger sign boards shall be as per Drawing Nos. DS&S/2017/069/A, DS&S/2017/069/B and DS&S/2017/069/C.

Danger sign board with 400 Volts marking will be used for Low Voltage distribution systems.

Danger sign board with 11,000 Volts marking will be used for 11 kV distribution systems.

Danger sign board with 33,000 Volts marking will be used for 33kV distribution systems.

The wording in the danger board shall be in all three languages Sinhala, Tamil and English. The wording and the danger sign shall be embossed as indicated in the drawings. The depth of the embossment shall not be less than 1mm.

An aluminium strip of 2mm thickness, 18mm width and 1000mm in length shall be provided with the board for clamping the board on to the poles as indicated in the drawing.

Two rectangular holes of 4 x 20 mm size shall also be provided in the board.

The board and the strip shall be applied with the coat of epoxy primer after cleaning the surface. The colour combination of the triangle, symbol and text being black on a yellow background as specified in drawing nos. DS&S/2017/069/A, DS&S/2017/069/B and DS&S/2017/069/C. shall be applied on epoxy primer using enamel or any other better paint. The combination of this painting shall not be peeled off nor produce any bubbles when expose to the tropical climate over the time.

3.0 ADDITIONAL REQUIREMENTS

3.1. Marking

The following information shall be engraved or indelibly marked on the reverse side of the danger sign board.

- a) Manufacturers Identification Mark
- b) The Words "Property of C.E.B."
- c) Date of manufacture

3.2. Packing

The danger boards shall be supplied in card board boxes and each box shall contain fifty nos. of each type only.

The quantity and the type of (whether 33000kV, 11000kV or 400V) board shall be clearly marked on the card board box.

4.0 SAMPLE

The bidder shall furnish a sample danger sign board offered along with the offer to facilitate



analysis and evaluation.

5.0 INFORMATION TO BE FURNISHED WITH THE OFFER

The following shall be furnished with the offer.

- a) The name of the manufacturer
- b) The Place of manufacturer
- c) Thickness of the danger sign board
- d) Dimension of the danger design board
- e) The type of primer applied
- f) The type of second coat
- g) Depth of embossment
- h) Dimensions of main sign board
- i) Dimensions of clamping Aluminium strip
- j) Method of marking on reverse side

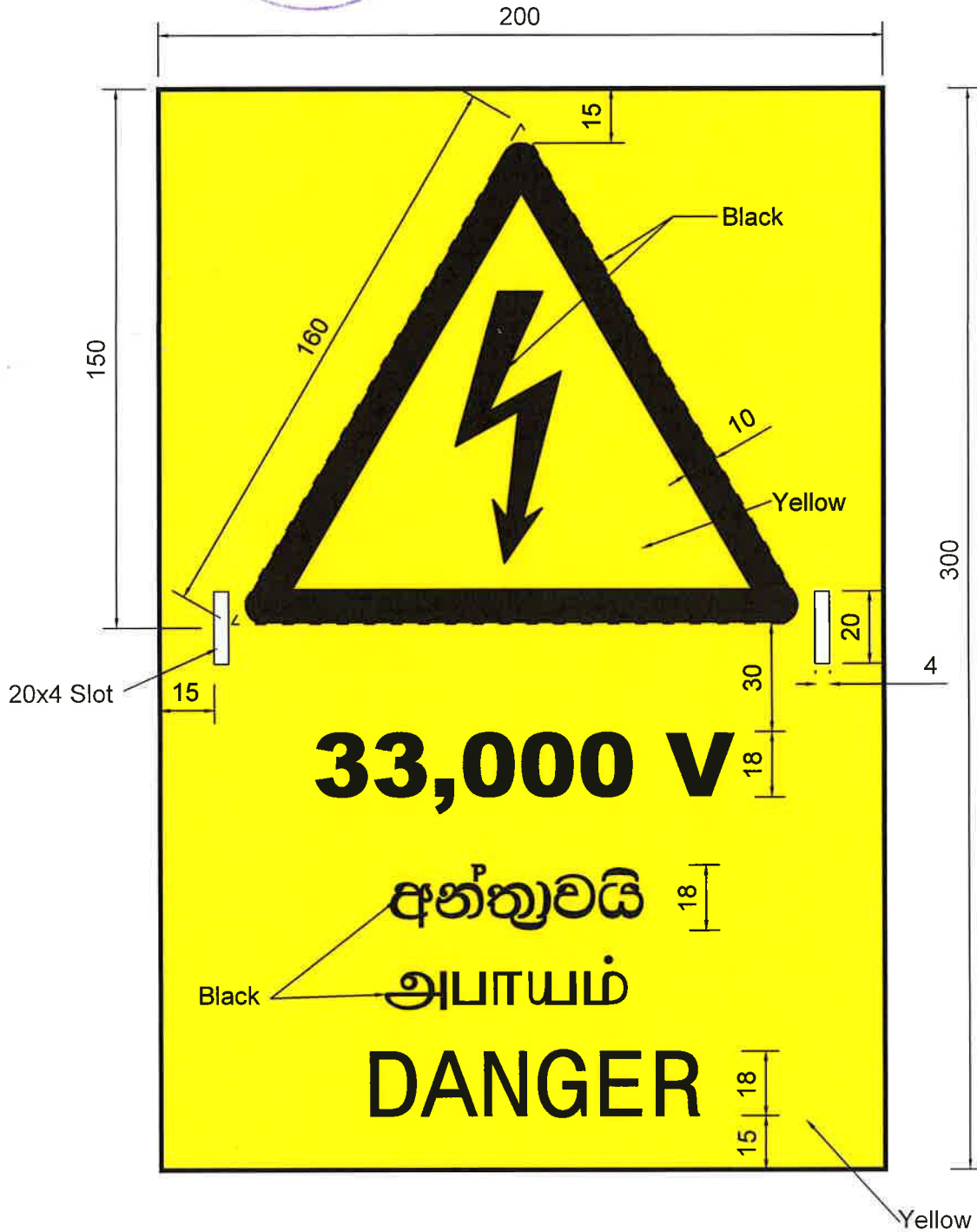
6.0 ANNEX

Annex –A: Danger board 33,000V

Annex –B: Danger board 11,000V

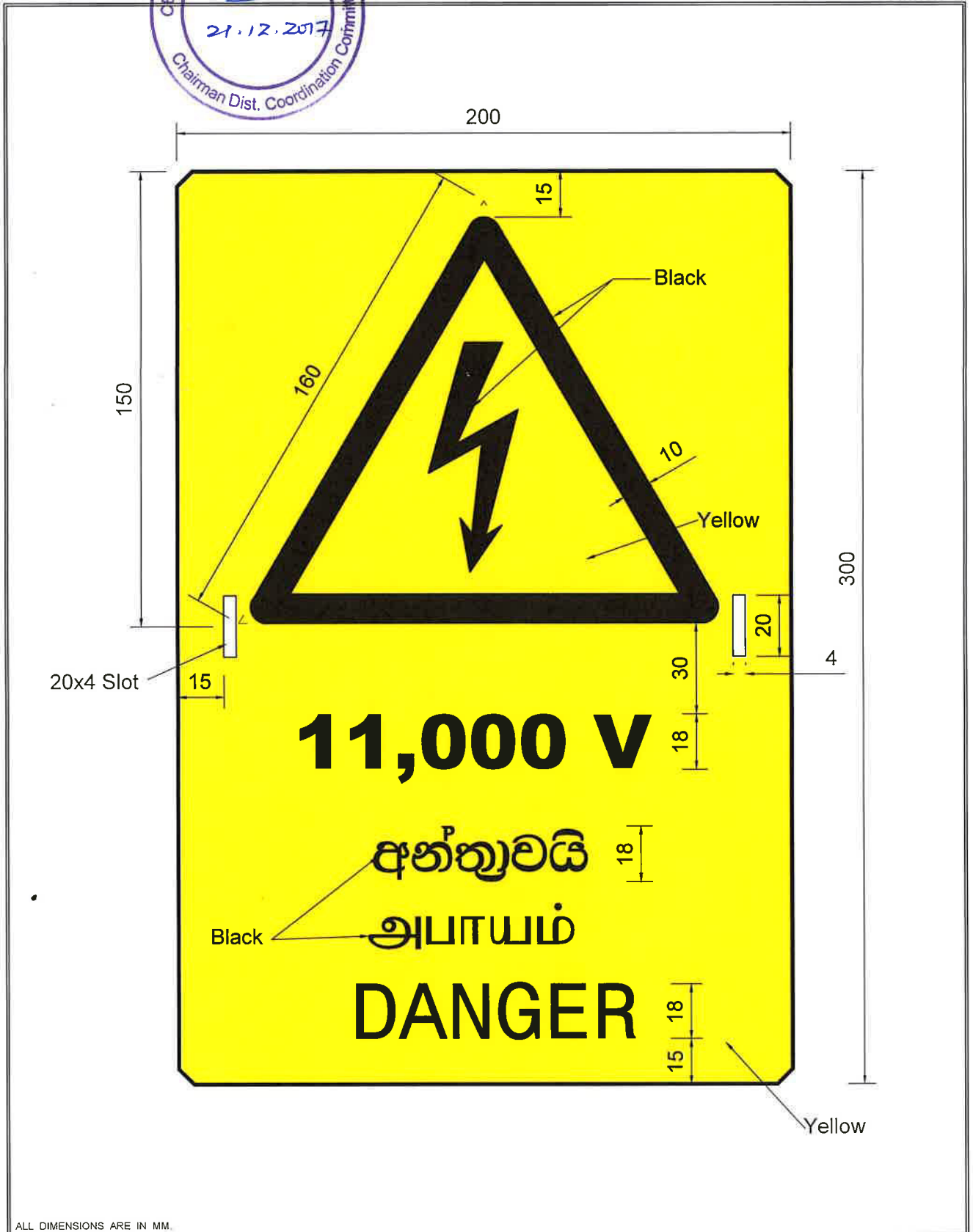
Annex –C: Danger board 400V






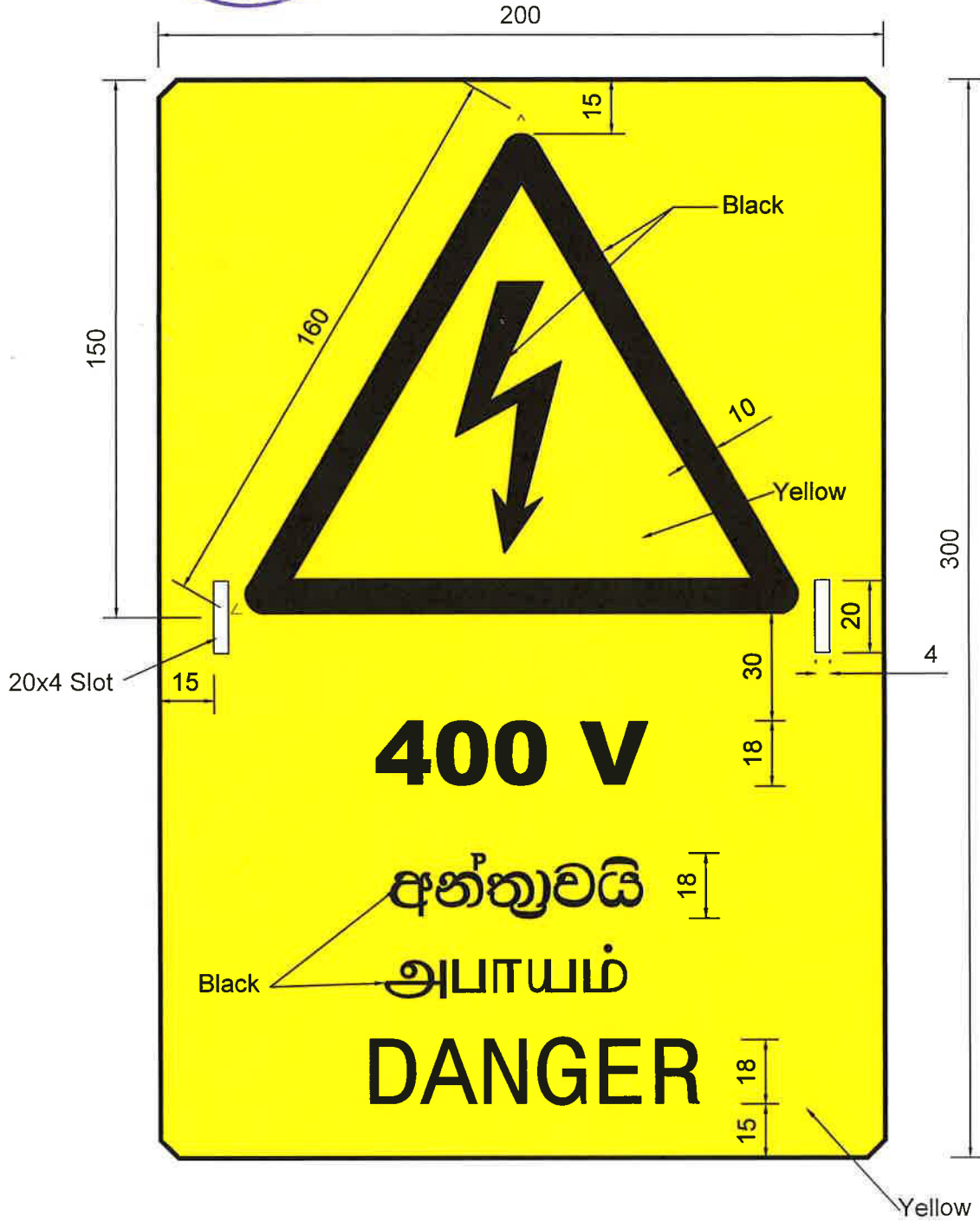
ALL DIMENSIONS ARE IN MM.

 <p>CEYLON ELECTRICITY BOARD</p>	DISTRIBUTION STANDARDS & SPECIFICATION		SCALE : NOT TO SCALE
	DANGER BOARD 33,000V		DRAWN : LALANI
	DESIGNED BY	APPROVED BY	DATE : Dec, 2017
			DRG. NO : DS&S/2017/069a
	DISTRIBUTION COORDINATION BRANCH	EE (Design)	CHAIRMAN, SPECIFICATION COMMITTEE




ALL DIMENSIONS ARE IN MM.

 CEYLON ELECTRICITY BOARD	DISTRIBUTION STANDARDS & SPECIFICATION		SCALE : NOT TO SCALE
	DANGER BOARD 11,000V		DRAWN : LALANI
DISTRIBUTION COORDINATION BRANCH	DESIGNED BY	APPROVED BY	DATE : Dec, 2017
			DRG. NO : DS&S/2017/069B
	EE (Design)	CHAIRMAN, SPECIFICATION COMMITTEE	CAD NO :



ALL DIMENSIONS ARE IN MM.

 <p>CEYLON ELECTRICITY BOARD</p>	DISTRIBUTION STANDARDS & SPECIFICATION		SCALE : NOT TO SCALE
	DANGER BOARD 400V		DRAWN : LALANI
	DESIGNED BY	APPROVED BY	DATE : Dec, 2017
			DRG. NO : DS&S/2017/069C
DISTRIBUTION COORDINATION BRANCH	EE (Design)	CHAIRMAN, SPECIFICATION COMMITTEE	CAD NO :