

OFFICE OF THE ELECTRICAL INSPECTOR TO GOVT. OF KERALA

NO: B4- 29847/92/ CEI.

Thiruvananthapuram-1
Dtd. 5/11/92.

From

The Chief Electrical Inspector(Statutes)

To

The President,
A Grade Electrical Contractors Association,
Thiruvananthapuram.

Sir,

Sub:- Preparation of standard Drawings by Electrical
contractors-

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It has come to the notice of the undersigned that drawings submitted by Electrical Contractors pertaining to EHEE/EE/NV installation are not in a standard manner and difficulties are experienced at the time of scrutiny. Therefore following standards and guidelines are prescribed.

I. Size of Drawing

- a). A0-841 x 1189 MM - For exceptionally large scheme.
- A1- 594 x 841 MM - Master Schematic Lay out.
- A2- 420 X 594 MM - Normal use.
- A4- 210 X 294 MM - For small drawings X-ray and Neon sign Etc.
- b). All drawings are to be folded to the size of A4.
- c). The border margin for A0 and A1 will be
- d). 20 MM are that of A2-and A4- will be 10 MM

II. Printing of Letters.

- a). All letters should be capital and Vertical.
- b). Italic letters are not permitted.
- c). Letters should be written using stencils.
- d). Free hand writing should be avoided.

III. Other requirement.

- a). Power flow should be from Top to Bottom.
- b). Cable sizes should be marked only in the schedule.

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- d). Type of starter motor etc are to be represented only symbolically. These need not be written in the column.
- e). As for relays diagrammatic representation is to be shown in the schematic drawing and only device number as per ASA 637, 2-1956 need be written.
- f). The Title block should be at the right hand bottom corner and space should be given for affixing "Approval Seal" and "signatures" of approving authority.

IV. Revised proforma.

- a). Separate proforma for Generator need not be furnished hereafter. Single proforma for LHT/MV/MV-Installation as well as Generator has been finalised.

A sample of schematic lay out (Size A1) is enclosed and also the proforma, ASA Device numbers and functions etc. for ready reference. The copies may be circulated among your members.

It is decided that drawings submitted to Chief Office and District offices of Electrical Inspectorate should be as per the above requirements from 1st January 1993 onwards. Substandard drawings will not be accepted and all electrical contractors should adhere to the above strictly.

Yours faithfully

Sd/-

CHIEF ELECTRICAL INSPECTOR(Stts)

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ELECTRICAL INSPECTOR.

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