
OFFICE OF THE CHIEF ELECTRICAL INSPECTOR TO GOVERNMENT OF KERALA

No. B4.35010/97/CEI

Thiruvananthapuram,
Dated, 30/12/97

CIRCULAR

Sub:- Guidelines for installation of Diesel Generator Sets with AMF Panel -

The following guidelines are issued for installation of DG sets with AMF panel.

- 1. A.M.F. Panel shall be physically segregated from the generator control panel.
- 2. Incoming isolation shall be provided in the A.M.F. panel both for the grid and generator supply. Isolator/MCB/MCCB/ACB of adequate rating may be used for this. Rotary switches shall not be used as isolators.
- 3. Only 4 pole contactors shall be used in 3 phase A.M.F. panel so as to control the phases and neutral simultaneously. Two pole contactors may be used for single phase AMF panel.
- 4. Time delay of atleast 3 seconds may be provided for change over of supply in both directions viz; from generator set to grid and grid to generator set.
- 5. The A.M.F. panel shall be of sheet steel of minimum 2 mm thickness with adequate working space inside.
- 6. Indication lamps with control fuses shall be provided on the panel separately for grid supply and generator supply.
- 7. Control wiring diagram of the AMF panel shall be affixed inside the AMF panel cover for ready reference.
- 8. Standard colour codes and numbered ferrules shall be used for wiring the AMF panel for easy identification.

The receipt of this circular shall be acknowledged by return.

Sd/-

CHIEF ELECTRICAL INSPECTOR

To

1. The Deputy Chief Electrical Inspector, Ernakulam
2. All Electrical Inspectors
3. The Deputy Electrical Inspector, Meter Testing & Standards Laboratory, Trivandrum
4. All Technical Officers in the Chief Electrical Inspector's office.
5. The President, 'A' Class Electrical Contractors Association
6. Circular File
7. Spare
8. Stock File.