
STANDARDS BULLETIN No.: S01 - 059

Subject: Minimum Insulation resistance requirements for Distribution Pillars

Purpose:

Ensuring a minimum insulation resistance in PWC distribution pillars.

Reason:

Recently it has been observed that in newly installed URD pillars, there exists a sufficient voltage between neutral and earth. The matter has been further investigated and it is found that the Insulation Resistance as low as 0.5 Mega ohm exists between the live and insulated parts of the pillars.

This low value of IR is found to be due to presence of moisture within the pillars which is resulted from poor sealing arrangements.

It is therefore decided to amends the present standards for the URD pillars.

Requirements:

- Any hole drilled or cut on the insulating material in the distribution pillars shall be adequately waterproofed.
- The Insulation resistance required at the time of installation between metal and insulating parts shall not be less than 50 Mega Ohm in any case.
- The pillars shall strictly confirm to standard drawing number S02-2-3-2.

Implementation:

The amendment is applicable immediately and all developments not commissioned till the date of issue of this bulletin are required to comply with the new standard.