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# Chapter 1

## Insulator Definition

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1.11 Insulator Markings

By Orient Power

# Insulator Markings



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## Insulator Markings Basic Elements:

Each insulator unit shall bear symbols identifying the manufacturer. The marking shall be legible and durable.

## Porcelain Insulator Markings Special Cases:

- **Porcelain / glass suspension type insulator:** Each insulator unit shall bear symbols giving the year of manufacture and the tension-proof test load in pounds, identified by the word "TEST".  
In addition, each insulator unit except those of classes 52-1 and 52-9 shall be marked with the combined mechanical and electrical rating in pounds identified by the symbol "M&E".
- **Porcelain insulators – Apparatus, Cap and Pin Type:** Each insulator unit shall bear symbols giving the year of manufacture.

## Composite Insulator Markings:

- **Composite insulators:** Each insulator shall be clearly and indelibly marked with the name or trademark of the manufacturer, the year of manufacture, the specified mechanical load (S.M.L.), and the routine test load (R.T.L.). The routine test load shall be identified by the word "TEST".
- **In addition:** If necessary, the voltage value also can be shown on the surface of the insulator.

More details about insulator markings are shown on our website.