

CHAPTER 14 CHEMICAL EFFECTS OF ELECTRIC CURRENT

Classification of Materials:

In this topic,

We deal with the chemical changes occurring during passage of electricity through substances. Materials can be classified based on their behaviour towards electricity.

Ex. We all know metals conduct electricity i.e. allow current to pass through them.

So metals are conductors,

You might have continued against touching an electrical appliance with wet hands because a wet hand can conduct electricity.

Based on this observation,

Materials are classified as conductors and insulators.

Conductors:

Materials which allows the electric current to pass through them.

Ex. Aluminium, Copper

Insulators:

Materials which do not allow electric current to pass through them.

Ex. Plastic, Rubber, Wood