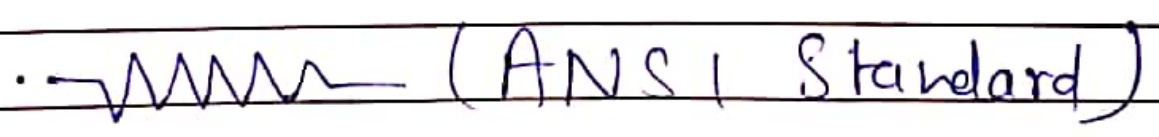
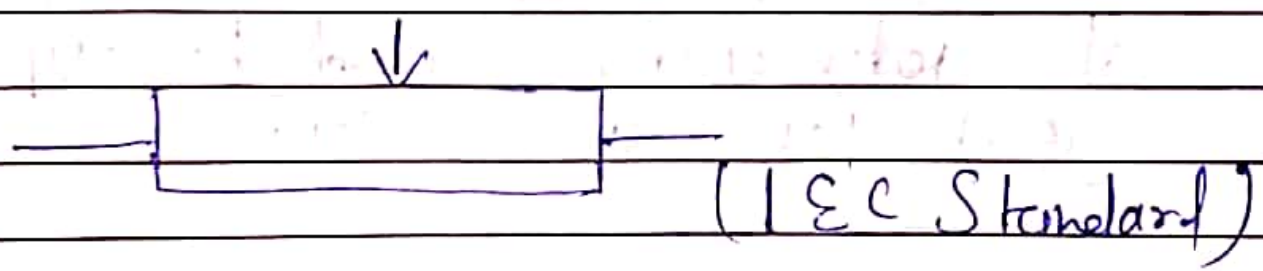


* Potentiometer

A potentiometer is a three-terminal resistor with a sliding or rotating contact that forms an adjustable voltage divider. If only two terminals are used, one end and the wiper, it acts as a variable resistor or rheostat.



Electronic Symbol

This measuring instrument called a potentiometer is essentially a voltage

divider used for Measuring Electric potential (Voltage); the component is an implementation of the same principle, hence its name.

Potentiometer are commonly used to control electric devices such volume controls on audio equipments. potentiometer operated by a mechanical can be used as position transducer.

For example -
in a Joystick.

Potentiometer are rarely used to directly control significant power (More than watt) since the power dissipated in the potentiometer would be comparable to the power in the controlled load.