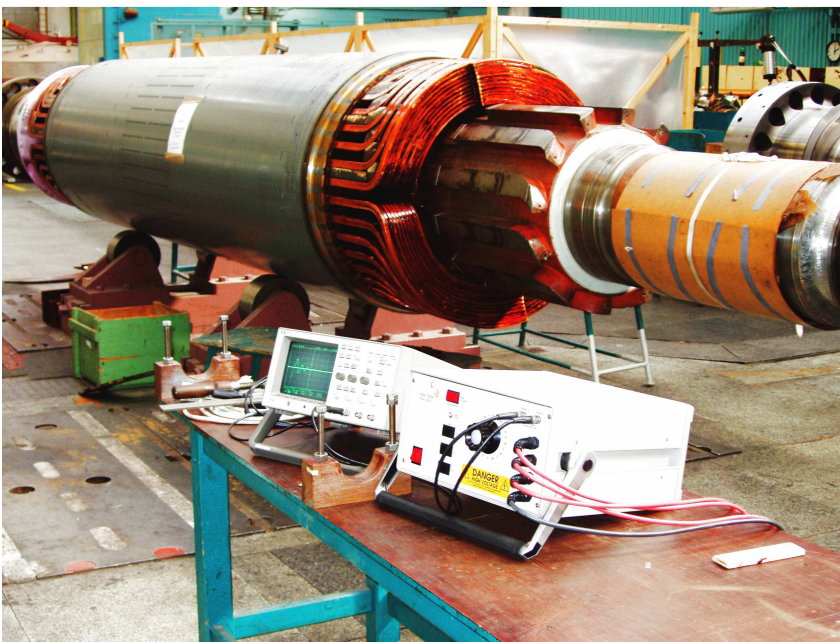


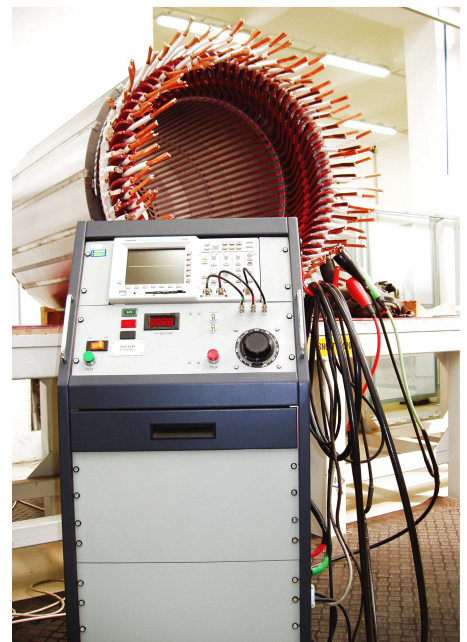
The function of surge generators is to test insulation systems of winding coils, induction and synchronous motors, asynchronous motors and armatures.

WHAT FAULTS CAN BE DETERMINED?

- Weak or defective coils
- Connection errors
- Wrong turn count in a coil winding, phase unbalances
- Turn-to-turn defective coils
- Opens, grounds, shorts, ground faults
- Disconnected winding
- Locating poor wire connections or contacts



Testing a turbo-generator rotor in a nuclear power station



Testing a ship generator

The output voltage of surge generators is in the range of 4 – 40 kV.

Surge generators can be integrated into an interstage or final (output) testing station.