



Start-up and maintenance of Switchboards delivered by Titech Electric A/S

Before start-up.

1. Visual inspection. Make sure that the switchboard has not been damaged during the transport.
2. All screw terminals on components in the switchboard should be retightened.
3. Adjust all thermal overload relays, circuit breakers, measuring instruments.
(All scales are set to lowest value.)

Maintenance instructions.

By preventive maintenance of switchboards, which should be done at least once a year, the checkpoints below could be a guidance.

1. Visual inspection. Check that the switchboard is intact.
2. Cleaning of switchboard/plant. Ventilating apertures should be cleaned for dust and mud, change or vacuum clean filter if necessary.
3. All screw terminals on components and bus-bar connections should be retightened.
4. Actuate all switches. This is very important and should be done frequently.
5. Make a thermo-graphic check of important contact spots on components and bus-bar connections
6. Check switch components for operation time and exchange if any have exceeded maximum operating time.
7. High voltage- and insulation-test. Remember to switch off all electronics, control circuits and outgoing power circuits.
8. Test alarm- and control functions.
9. If the switchboard had been exposed to extreme condition (such as damage by fire or water, lightning or high short-circuit current), it ought to be inspected and checked according to the above checkpoints. Defect components should be changed.