

# SCHMIDHAUSER

ELECTRICAL & PLUMBING

## What is an Electrical Compliance Certificate?

An Electrical Compliance Certificate covers the inspection and certification of your electrical installation from the point of supply to the point of control. It is required to ensure that your electrical installation is safe and in line with current code of practice, or date of installation.

In terms of the Occupational Health and Safety ACT of 1993 (Act 85 of 1993), a change of ownership cannot take place unless you have a valid Electrical Certificate of Compliance. To get this certificate, your electrical installations must comply with SANS 10142-1 Regulations.

## How long is an Electrical Compliance Certificate valid for?

- The certificate is valid for 2 years from the date of issue, as long as there have been no regulation changes or changes have been made to your electrical installation since the certificate was issued.
- If changes have been made, a registered electrician would need to issue a supplementary certificate for the alterations, extensions or maintenance undertaken by them.
- However, it is mandatory that you get a new certificate for every building transfer.

## Electrical installation compliance checklist:

### The Distribution Boards

- Correctly labelled.
- The correct sized links have been used.
- The earth leakage and other switch gear are in working order.
- All breakers have visible ratings and are correctly rated to the conductors they protect.

### Geyser

- Has an accessible isolating switch, within 1.5m from the appliance.
- Water pipes are earthed and bonded correctly.
- The cover is secure and supply cable is glanded.

### **Stove**

- The stove is cabled up correctly.
- The stove has an accessible isolator within 1.5m from the appliance or via a SP&N breaker in your DB easily accessible to the stove.

### **Socket Outlets, Switches & Light Fittings**

- All socket outlets, switches and light fittings are secured and earthed.
- Socket outlets are in working order and have shutters.
- Light fittings are rated correctly for their specific area.

### **Fixed Appliances**

- The following appliances must be fitted with an isolator within 1.5m of the appliance: Geyser, gate motor, garage door motor, extractor fans, ceiling fans, air-conditioner units, water feature, any pump, under floor heating and heated towel rails.

### **General**

- All conductive parts of the installation must be bonded, earthed and the same electrical potential as the supply authority earthing.
- The correct cable size and colour has been selected for the various applications.
- There are no exposed red and black live conductors.
- No open joints or broken conduit.

### **What is not covered by an Electrical Compliance Certificate?**

- Light bulbs.
- All appliances i.e. stove, garage door motor, gate motor, pool pump, etc.
- Telephone, internet conductors, intercoms and alarm systems.
- Note: PV installations, generator sets, inverter and UPS installations should be certified from the installer of the various systems.