

Periodic Inspection, Testing and Certification (PITC) for Fixed Electrical Installations

Electricity is an essential necessity in our daily life. Unsafe electrical installations and electrical appliances may cause fire, and the use of them may also cause electric shock and injury. The Electricity Ordinance (Cap. 406) (EO) and its subsidiary regulations set out a legal framework to regulate electrical safety in Hong Kong. To ensure electrical safety of the public and building users, the Electricity (Wiring) Regulations made under the EO require that owner of electrical installation in general buildings with approved loading exceeding 100A shall arrange a registered electrical contractor/worker (REC/REW) to inspect, test and certify the installation safe at least once every 5 years. Owner of electrical installation include individual unit owners, landlords, occupiers, tenants, incorporated owners and property management agents.

The REC/REW engaged will conduct a thorough inspection and testing on the installation according to the guidelines published in the Code of Practice for the Electricity (Wiring) Regulations. For communal electrical installation of a building, the inspection and testing items will normally include the main switchboards, risers, distribution switches, meters, earthing, equipotential bonding, emergency generators, lifts, fire service installations, pump installations, lightning protection installations, the supply system of security equipment, etc.

After inspection and testing, the REC/REW will issue to the installation owner of a Periodic Test Certificate (Form-WR2) certifying that the installation complies with the statutory safety requirements. The owner of the installation shall submit the Periodic Test Certificate to the Electrical and Mechanical Services Department for endorsement and properly retain the duly endorsed certificate. The installation owner shall check for the validity of the Periodic Test Certificate and arrange for inspection and testing again if the certificate will soon expire. Owner of electrical installation who fail to arrange periodic inspection, testing certification for their installation commit an offence.

you would like to know more about this topic, please contact the
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