固定電力裝置
定期檢測的工作程序

Guideline for Periodic Inspection, Testing and Certification (PITC) Work
1. Deploy Registered Electrical Worker (REW) of appropriate grade

- **A牌**: 低压电力工作，不超过400安培
- **B牌**: 低压电力工作，不超过2500安培
- **C牌**: 任何负载量的低压电力工作

2. Arrange power suspension

*Notes: Power Suspension Arrangement for PITC Work*

1. In order to ensure personal safety of the electrical workers and avoid affecting building power supply in case of electrical accident, the power company's electricity supply shall be cut off in carrying out PITC work on main switchboard that is connected to power company's transformer.

2. For WR2 submission involving the above-mentioned main switchboard on or after 1 December 2011, the power company's record for temporary disconnection of electricity supply shall also be submitted for EMSD's vetting.

3. Furthermore, as the temporary disconnection of power company's electricity supply will affect the building users for a short period of time, the Registered Electrical Contractor shall also closely collaborate with the building owners, Incorporated Owners and property management companies to work out the power suspension arrangement and temporary measures that meet the building operational needs with the aim to minimizing disturbance to the building users resulting from the PITC work.
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定期檢測電力裝置
PITC Work for Distribution Circuit

3.1 目視檢查
Visual inspection

3.2 保護導體的連繩性測試
Continuity test for protective conductors

3.3 周環接線電路導體的連繩性測試
Continuity test for ring final circuit conductors

3.4 隔離阻阻測試
Insulation resistance test

3.5 極性測試
Polarity test

3.6 極地極電阻測試
Earth electrode resistance test

3.7 極地故障環阻阻測試
Earth fault loop impedance test

3.8 保護器件的功能測試
Functional test for protective devices
4 PITC Work for Low Voltage Switchboard

4.1 隔離
Isolation and proved dead

4.2 清潔
Cleaning

4.3 目視檢查
Visual inspection

4.4 接觸電阻測試
Contact resistance test

4.5 絕緣電阻測試
Insulation resistance test

4.6 次級注電測試
Secondary injection test

4.7 保護器件的功能測試
Functional test for protective devices

4.8 檢驗指示器件
Check indication devices
5. Record all inspection and testing results.

6. Resume power.
7. Issue periodic test certificate and testing records

8. Submit periodic test certificate and testing records for EMSD's endorsement