

Welcome

to our “e-REW Express”. During our installation inspections, we have found that some electrical installation requirements are sometimes overlooked by the Registered Electrical Contractor / Worker (REW / REW). In this issue, we will highlight some of those common departures so that you can avoid these departures next time when you prepare your installation for connection of supply.

We hope you will find the information useful and handy. If you have any suggestions, please send an email to us at mail@hkelectric.com or contact our Customer Installation Section on 2887 3455 so that we can further improve our service.

Common Departures on Electrical Installation Inspection

1. Warning Notice for Connection of Earthing and Bonding Conductors



SAFETY ELECTRICAL CONNECTION
DO NOT REMOVE
安全接地終端 - 切勿移去

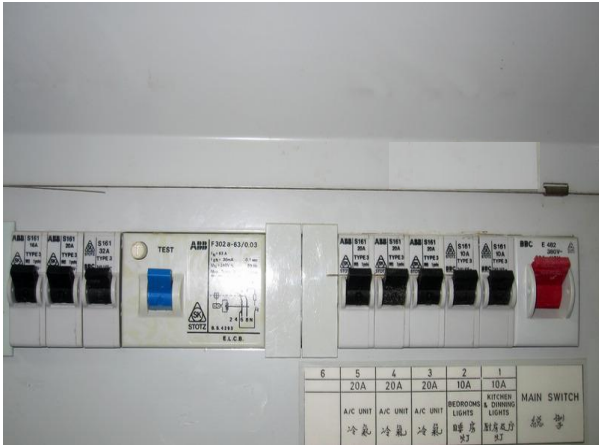
Outdated Warning Notice “SAFETY ELECTRICAL CONNECTION – DO NOT REMOVE” and “安全接地終端 - 切勿移去” was used.



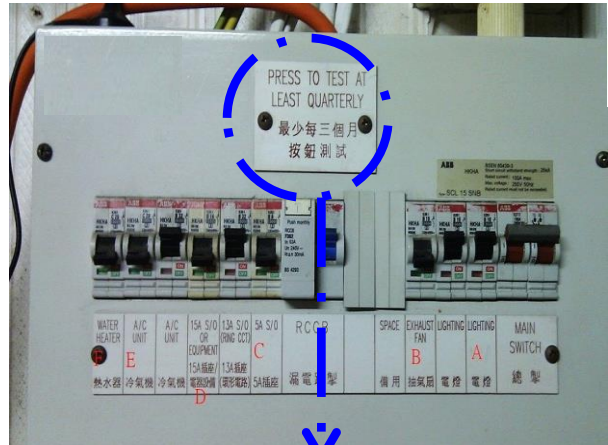
SAFETY EARTH CONNECTION
DO NOT REMOVE
安全接地終端 - 切勿移去

New Warning Notice “SAFETY EARTH CONNECTION – DO NOT REMOVE” and “安全接地終端 - 切勿移去” should be used.

2. Notice of Testing for Residual Current Devices



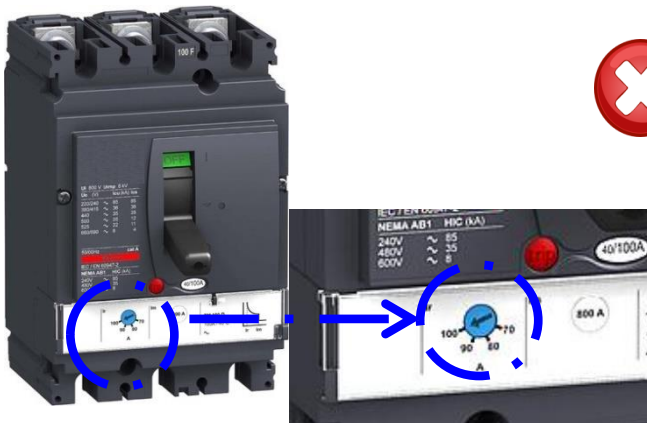
Notice of testing for residual current device not provided.



Press to test at least quarterly
最少每三個月按鈕測試

“Press to test at least quarterly” and “最少每三個月按鈕測試” notice should be provided at or near a residual current device.

3. Setting Label for Multi-setting Main Switch



Label on multi-setting main switch to indicate the rated setting not provided.



#2D 300A TPN MCCB FOR N10
MCCB BD. 'MB-01-02N'
300A 三相模殼斷路器供
模殼斷路器箱 'MB-01-02N'

Label on multi-setting main switch to indicate the rated setting should be provided.

4. Phase Identification at Socket



Appropriate phase identification at every socket in a three phase installation not provided.



Every socket in a three phase installation should be permanently marked with the appropriate phase identification.

5. Termination of Armoured Cable

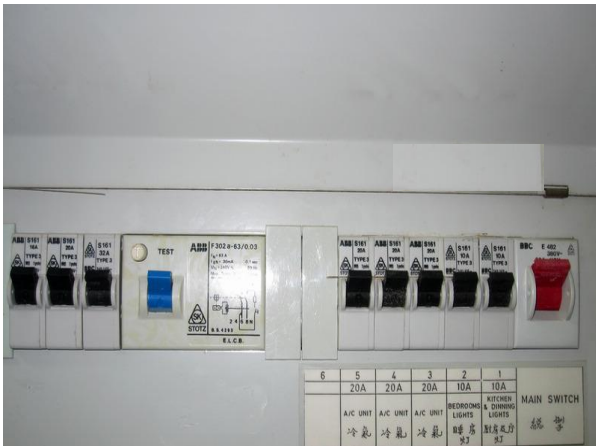


Improper termination of armoured cable.

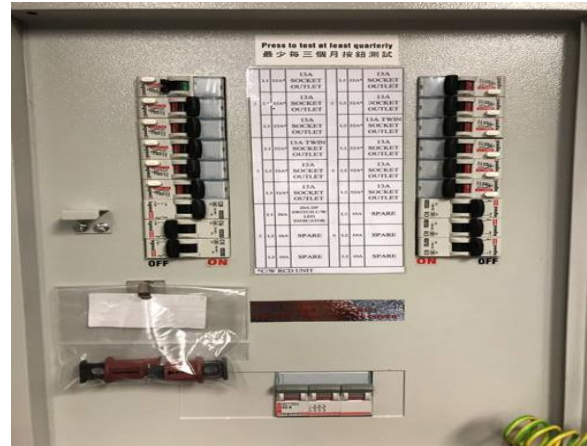


Armoured cable should be properly terminated to metal casing or trunking by proper cable glands.

6. Use of Miniature Circuit Breaker (MCB) and Moulded Case Circuit Breaker (MCCB) with Lockable Function



Lockable device to lock off MCB / MCCB not provided.



MCB & MCCB should be equipped with lockable function such that these devices can be locked off and only be able to be unlocked by the use of keys or tools used to lock off these devices.



We are pleased to provide advisory services to REC / REW regarding the interface requirements of customer electrical installations. Please provide us with the schematic wiring diagram, the proposed layout plan of meter room and main switchroom for our consideration. We will provide our comments or suggestions to you.