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To: All Licensed Electrical Workers

Dear Sirs

REQUIREMENT FOR HIGH-SENSITIVITY RESIDUAL CURRENT CIRCUIT BREAKER (RCCB) IN DOMESTIC ELECTRICAL INSTALLATIONS

Since 1 July 1985, all new domestic electrical installations have been required to use one or more RCCBs (previously known as current-operated earth leakage circuit breaker) for the protection of all socket-outlet and lighting circuits.

2 However, there are still a small percentage of domestic electrical installations that are not protected by an RCCB. These residential premises were built in or before July 1985 and are using their original electrical circuits.

3 With effect from 1 July 2023, all domestic electrical installations will henceforth be required to be protected by one or more RCCBs of 30mA sensitivity for all their socket-outlet and lighting circuits for the electrical safety of consumers. Affected homeowners will be notified of this requirement separately, and a grace period of two years will be given to these homeowners to comply with this requirement.

4 Licensed Electrical Workers should take note of this mandatory requirement to have RCCBs for pre-1985 domestic electrical installations. Please also ensure that the modified electrical installation is inspected, tested, and certified fit, and a Completion Certification for Modification of small electrical installation is submitted to the market support services licensee.

5 For clarifications, please contact us at EMA_RD_ELISE@ema.gov.sg.

Yours faithfully

Eng Meng Hwee
Deputy Chief Executive
Industry Regulation Division
Energy Market Authority