



To
All Consultants and Electrical Contractors
Dubai

Dear Customer,

Electrical Service Room in Residential and/or Commercial Buildings

Please be informed that, in order to improve the safety of electrical installations in the consumer premises, your co-operation and co-ordination for compliance of following requirement will be appreciated:-

A Main Electrical Service Room with minimum dimensional layout as specified under section-3 and appendix-7 of DEWA Regulations for Electrical Installations shall be provided in the ground floor close to the entrance area/access road, in all the buildings.

Wet areas (i.e. toilet/bath room, kitchen, etc.,) above the electrical service room shall normally be not permitted. However, for any specific case which construction of a toilet/bath room or kitchen above the electrical room can not be avoided, prior written approval shall be obtained from DEWA, complying with the following requirements:

1. A Reinforced Concrete Attic slab above the entire Electrical Service Room shall be provided.
2. The entire attic slab and floor slab above including the vertical sides above attic slab shall be waterproofed by an approved system.
3. The consultant shall be fully responsible for supervision of the waterproofing works, during execution and testing of waterproofing.
4. All pipes, joints, traps, etc. running in wet areas shall be wrapped with approved Waterproofing membrane. No pipes shall pass through the void between floor and attic slab.
5. The void between floor and attic slab shall be minimum 60 cms clear height. Access to the void above attic slab shall be 120 cms x 60 cms fitted with aluminum louvered door. The void shall not be used for any other purpose and shall have permanent lighting arrangement. Drain pipe to be provided for the attic slab to drain out any water leakage through floor slab. Tiles are not compulsory above attic slab. The minimum clear height within the electrical service room shall be 300 cm.
6. The consultant shall forward complete floor plans showing location of Wet Area and Electrical Service Room. Extent of attic slab shall be clearly marked in the plans. Typical cross sections through the Wet Area/Electrical Service Room and Attic Slab shall be shown in the drawings including waterproofing arrangement/systems/materials. The drawings shall be forwarded to Dubai Electricity and Water Authority, Civil Engineering Department, for Wet area approval.
7. A guarantee letter shall be signed by the owner of the Project and witnessed/endorsed by the consultant, as per the attached format.

Should you require any clarifications on the above, please do not hesitate to contact us.

Thanking you,

Yours faithfully,

For DUBAI ELECTRICITY & WATER AUTHORITY

Encl.: As above.

(Head of Consumer Services)

ص.ب : ٥٦٤ دبي - أ.ع.م. - هاتف : ٤٤٤٤-٣٢٤ (٠٤) - برقياً : كهرباء، دبي - تليكس : ٤٥٨٢٨ كهرباء إي إم - فاكس : ٣٢٤-٨١١١ (٠٤)
P.O. Box : 564 DUBAI - U.A.E. - TEL : (04) 324-4444 - CABLE : KAHRABA, DUBAI - TLX : 45838 KAHRBA EM - FAX : (04) 324-8111
E-mail : dewa@dewa.gov.ae website : http://www.dewa.gov.ae البريد الإلكتروني : dewa@dewa.gov.ae

