



HCS/91/2001

16.01.2001

To  
All Consultants and Electrical Contractors  
Dubai

Dear Customer,

### Safety of Capacitor Bank Installation

Please be informed that, in order to ensure quality of equipment & works and safety of Capacitor Bank installation in your projects, your co-operation and co-ordination for compliance of following requirements will be appreciated.

- I. The Consultants shall submit specification and details of proposed **Capacitor Bank panel/s** in their project to DEWA, at the design/drawing approval stage, **including the following:**
  - a) The specified international standard/s to which the Capacitor Bank installation shall conform to.
  - b) Details of proposed Capacitors (rated voltage, frequency, number of phases, type, discharge device, Make, Name of manufacturer, etc.)
  - c) Temperature class
  - d) Details of Capacitors switching Contactors.
  - e) General arrangement/internal dimensional layout of the panel.
  - f) Ventilation (with extract fan, controlled by thermostat set at 30° C, inside the panel)
- II. An inspection certificate shall be submitted by the Electrical Contractor, approved by the Consultant along with the completed check list (attached), Factory Test certificates and performance guarantee from the manufacturer, prior to energization of the panel.
- III. Suitable Air-Conditioners shall be provided in the Electrical room, where Capacitor Bank Panel is installed.
- IV. A notice shall be fixed on the Panel/in the Electrical room, indicating the requirement of regular and routine maintenance of the Capacitor Bank installation.

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

Thanking you,

Yours faithfully,

For DUBAI ELECTRICITY &amp; WATER AUTHORITY

Encl.: As above.

(Head of Consumer Services)

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