

- Altitude	:	Sea level (coastal)
- Maximum outdoor ambient temperature (shade)	:	48°C
- Minimum ambient air temperature	:	2.8°C
- Maximum ambient air temperature	:	48°C
- Maximum average over 24 Hrs.	:	37.8°C
- Maximum average over 1 year	:	26.9°C
- Relative humidity	:	100 %(max)
- Thunder storms per year	:	Occasional
- Earthquake loading	:	0.07g
- Wind speed	:	45 m/s at 10 m height
- Ground temperature	:	40°C
- Soil thermal resistivity	:	At depth of 0.9 mtr 2.0 C/m/w Heavy condensation and sand storms also prevail.

1.4 DEWA ENROLLMENT FOR CONSULTANTS AND ELECTRICAL CONTRACTORS

All consultants and electrical contractors are required to enrol with DEWA to undertake the electrical design and/or installation works in any project or premises in the emirate of Dubai. The requirement may also include specific training & certification by DEWA for specialised categories of work, if found essential for ensuring the safety, reliability and quality of the installation. The criteria, procedures and guidelines to be followed for the online enrolment are being issued separately and normally will be published on DEWA website.

Each electrical contractor who undertakes electrical installations shall have the required minimum number of electrical engineers and technicians (whose details are to be included in the enrolment applications / updates), who have adequate knowledge on DEWA Regulations and applicable international standards & safety requirements and are responsible for correct installation, shall supervise and test the entire electrical works prior to connecting power supply.

1.5 WORKMANSHIP

All electrical installations shall be carried out in a neat, orderly workmanlike manner. Careful attention shall be paid to the mechanical execution of the work in connection with any electrical installation.