

- D. Locking combinations shall be provided as specified. Three keys for each key type shall be provided on individual key rings having a nametag showing identify details.
- E. Where the need of padlocking facilities is identified by the engineer/employer, the padlocks will be supplied and fitted.
- F. Equipment shall not be mounted on covers. Covers shall not weigh more than 30 kg, and any cover over 7.5 kg shall be provided with a means of supporting the lower edge when its securing bolts are being inserted or removed.
- G. Removable back covers shall be provided.
- H. Each door shall be provided with an internal welded earthing stud, and shall be bonded to the assembly main earth bar.
- I. Neoprene gasket used for sealing panel door covers and for door mounted instruments shall be of highest quality not to get deteriorating when equipment installed in H₂S and Methane gas environments.
- J. Doors and covers giving access to potentially live conductors shall be provided with prominent warning labels, in English and Arabic.
- K. Doors on outdoor assemblies shall be retained in the open position by the provision of adequately fixed stays.

1.3.11.13 Components Mounting

- A. Each cubicle/compartment shall be provided with removable steel components mounting plate located clear of the cubicle rear panel.
- B. All components, other than door mounted, shall be located on the component mounting plate by bolting into tapped holes or by using self-tapping screws. Nuts used for securing components shall be captive. Rail type fixings may be used where appropriate. Components shall not be mounted on any other surface.
- C. No components shall be located within the assembly at a height greater than 2000 mm or less than 500 mm above finished floor level.
- D. It shall be possible to replace and maintain any component without first removing other components.

1.3.11.14 Bolts, Nuts and Screws

- A. All bolts, nuts, screws and washers used in the construction of the assembly shall be stainless steel Grade 316L.