

- B. The identification on labels shall be in the Arabic and English language. A list of label inscriptions shall be submitted to the Engineer for approval before manufacture.
- C. Labels shall be riveted or screwed to equipment and shall be positioned in such a manner that it does not follow the apparatus when the latter is dismantled or changed. Adhesive labels and marking type tapes will not be accepted.
- D. All switchgear, control gear and cables shall be labelled and marked to facilitate the identification of switchgear and control gear and parts thereof and their relation to relevant technical documentation in order to enable in a rational and simple manner the installation, operation, trouble shooting, maintenance and repair.
- E. Each unit of switchgear or control gear (such as a cell, panel, cubicle, or box) and all units of apparatus shall have a label identifying the unit and stating its purpose in the plant.
- F. Incoming and outgoing circuits shall be identified by stating the purpose of the circuit, the size of the connected cables. Internal wiring shall have each core or wire identified.
- G. The marking to be identical to the terminal marking to which the cable core is connected. Cables connected to switchgear, control gear and all external equipment shall be marked with cable numbers according to cable lists or external connection diagrams. All cable cores shall have identical marking as the terminals to which the cores are connected. All terminals of apparatus or units shall be clearly marked.
- H. Control devices shall have in addition to the marking of control position e.g. manual/automatic, open/close, on/off, etc. Cable terminals shall be identified with clear and unambiguous labels. The identification system shall be logically built up by letters and figures consistently used with the switchgear or control gear. Compartments with doors not interlocked to an isolator or removable covers having access to live parts shall have an external label affixed thereto stating **"DANGER LIVE TERMINALS"** in red letters on a white background in Arabic and English.

1.2.25.2 Equipment / Pipe Identification

- A. Each equipment piece (pumps, valves, motors, instruments, fans, etc.) shall be clearly identified in the field by means of plastic / metallic labels, set on a name