

**VI. Ladders**

- a. Internal and external access ladders to be provided to ease man entry for the maintenance exercises. Material of ladder shall be with anodised aluminium having colour matching to the tank texture.

**VII. Guarantee Certificates**

- a. Manufacturer, importer or supplier of the water tank shall provide a certificate of guarantee, against manufacturing and erection defects covering a period of minimum ten years from the date of erection. During the guarantee period, tank component parts and accessories found deteriorated, corroded or defective shall be replaced or made purposefully at his cost.

**1.2.22 Ventilation****1.2.22.1 Design**

- A. The Contractor shall design, supply, install, test and commission a ventilation system operating with 100 % outdoor air as supply air.
- B. Supply air volumes and exhaust air volumes shall be balanced to ensure a positive pressure inside the entire buildings in order to avoid that sand, dust, etc. is drawn into the building via doors and other openings and gaps.
- C. Outdoor air intakes and exhaust air outlets to outside shall be provided with suitable
- D. sand trap louvers. The following minimum air changes per hour shall be provided:

Area to be ventilated	Air change/hr
Dry well	10
Wet Well	15

- E. Air exchange in screen pits and wet wells shall be achieved by the odour control ventilation system.
- F. The control system of the entire ventilation systems shall allow for the following operational conditions:
  - a. Individual manual switched on/off