SCADA system and the flow and pressure parameters are monitored in AADC SCADA system.

The designer of new networks may propose in coordination with AADC the provision of new interface points on Transco system to supply the network designed by him.

The design of Interface Point shall be carried out according to Transco requirements and the Meter Data Exchange Code of the RSB.

6.25 Isolation Valves at Water Distribution

The isolation valve layouts shall be arranged so as to minimize customer interruptions during the repair work at any section of the main Water Distribution System.

Gate valves shall be used for sizes below 400 mm and Butterfly valves shall be used for sizes of 400 mm and above. The details of isolating valve chambers shall be as per ADWEA specifications and ADWEA/AADC standard drawings

The layout of isolation valves in the Water Distribution System shall be as per the following guidelines:-

1. To isolate around 10 to 20 plots according to plot size
2. A segment shall require around four valves to be isolated.
3. Located at the branches on ring mains
4. Located around 200 m to 300 m apart from each other in network having high- density customers.
5. Not more than 2 valves at a tee. No need to provide valves at all tees

In a distribution network having wide-spaced customers, the isolating valves shall be located as per the following arrangements:

i. To isolate maximum of 1,000 metres of pipe length of distribution main.
ii. To isolate maximum of 2,000metres of pipe length of secondary main.
iii. To isolate maximum of 3,000metres of pipe length of primary / ring main.

6.26 Air Release Valve

Air release valve shall be provided at the highest points in water networks where air can accumulate. Air valves may not be provided at water networks with service connections if the service connections can release the accumulated air in pipelines.