Inspection Check List for AC Expansion/Make-up Water Tank Installation

Project : _____ Contractor : _____

Inspection Refer. No. : _____ Date : _____

Location : _____

S/n	Items	Complied		Remarks
		Yes	No	
1	Approval brand and make of expansion/make up tank is installed			
2	Water tank capacity is complied with approval shop drawing			
3	Permanent label to indicate the water tank capacity is provided			
4	Water tank is insulted with approval type and make of materials, installation details of insulation for expansion/makeup tank is complied with the following typical details, where applicable and unless otherwise approval **SM(P1)-2** – Typical details of chilled water expansion tank			
5	Water level indicator is provided and installed in correct verticality			
6	Ball float valve or water level electrodes for pump control and BMS monitoring, if specified is installed			
7	Wiring and termination for water level BMS monitoring completed			
8	Highest point of tank and accessories at roof level, such as cat ladder are not exceeded AMSL requirement			
9	Mounting details of tank and skid base are complied with approval shop drawing			
10	Installed water tank has no leak			
11	Stainless steel type mosquito-proof nettings of aperture size not exceeding 0.65mm is provided at warning pipe/overflow pipe/ air vent and other openings of tank			
12	Internal diameter of overflow pipe is one size larger than the inlet pipe			
13	Outlet from tank is positioned diagonally opposite to the inlet pipe			
14	Outlet pipe is connected to chiller water return header			
15	Adequate space for maintenance access provided around the tank			
16	No holes and gaps on water tank surface			
17	No sediments in water tank			
18	Pipes and accessories are completed in accordance with approval shop drawing and printed with directional sign and label			

Remarks / comments

Conduct by : _____ Company : _____ Date : _____

Signature : _____

Inspect by : _____ Company : _____ Date : _____

Signature : _____

Witness by : _____ Company : _____ Date : _____

Signature : _____

Approve by : _____ Company : _____ Date : _____

Signature : _____