

Chilled Water System Commissioning Checklist

Project Name	
Location	
Date	
Commissioned By	

1. Pre-Commissioning Checks

#	Check Item	Complete	Comments
1.1	All pipework installed and visually inspected for leaks and damages		
1.2	Supports and hangers correctly installed		
1.3	Pipes flushed and cleaned		
1.4	Strainers and filters installed		
1.5	Valves installed and labeled		

2. Functional Checks

#	Check Item	Complete	Comments
2.1	Pumps run tested in auto and manual modes		
2.2	Pump rotation direction correct		
2.3	Pump vibration and noise levels checked		
2.4	Expansion tank installed and functional		
2.5	Air vents operational		

3. Controls & Safety Devices

#	Check Item	Complete	Comments
3.1	Control valves and actuators operate correctly		
3.2	All sensors calibrated and reading as expected		
3.3	Safety valves tested and working		
3.4	System pressure tested (normal and relief pressure)		

4. Final Commissioning

#	Check Item	Complete	Comments
4.1	System performance testing completed (flow and temperature)		

4.2	Insulation installed properly		
4.3	As-built documentation provided		
4.4	Operation and maintenance manuals available		
4.5	Client training performed		

Remarks

Commissioning Engineer Signature:

Date:
