

System Verification Checklist

(Project)

System: **Hydronic Accessories**

Tag:

Service:

| Installation Check | Specified | Provided | Initials | Date | IC |
|----------------------------------------------------------------------------|-----------|----------|----------|------|-----------|
| Air Separator | | | | | |
| Domestic Make-Up Water | Reference | | | | MC |
| Reducing Valve w/ Check Valve | Reference | | | | MC |
| Air Vent (High Capacity Float) | Reference | | | | MC |
| Inlet Connection From System | Reference | | | | MC |
| Outlet to Pump Inlet | Reference | | | | MC |
| Expansion Tank | | | | | |
| Pre-Charge Connection | Reference | | | | MC |
| Relief Plug | Reference | | | | MC |
| Factory Pressurized | Reference | | | | MC |
| Automatic Air Vent | Reference | | | | MC |
| Pressure Gauge | Reference | | | | MC |
| Isolation Valve | Reference | | | | MC |
| Drain Valve | Reference | | | | MC |
| Water Storage Tank | | | | | |
| Install per manufacturer's instructions | Reference | | | | MC |
| Installed on 4" concrete pads | Reference | | | | MC |
| 10 gallon expansion tank installed on WST outlet | Reference | | | | MC |
| Unions installed | Reference | | | | MC |
| T&P relief valves installed | Reference | | | | MC |
| Non-user adjustable temperature sensors installed | Reference | | | | MC |
| Provide pipe transition at inlet of storage tanks | Reference | | | | MC |
| Operational Checks | | | | | |
| Perform before operating system | Reference | | | | MC |
| Open manual valves fully | Reference | | | | MC |
| Set PRV for required pressure | Reference | | | | MC |
| Inspect air vents at high points and determine if all are operating freely | Reference | | | | MC |
| Set temperature controls so coils are calling for full flow | Reference | | | | MC |
| Inspect & set operating temperature of hydronic equipment | Reference | | | | MC |

Remarks:

"This System Verification Checklist document represents FCG's standard test protocol, basic functional test, and FCG's best understanding of the designed sequence of operation. This document DOES NOT define design intent, supersede contract documents, or direct means and methods."