



10-09-23 PERRY'S - RICHMOND, VA (CX, TAB)

CheckList Information

Name : Hot Water Heater System **Status :** Not Completed
Assigned Organization : National TAB **Asset :**
Requesting Organization : National TAB

CheckList Item Details

Manufacturer	Noritz
Type	Tankless Water Heater
Number of Water Heaters	6
High limit setpoint	145 deg F (Increased from 140 deg F to account for heat loss through piping and ability to delivery 140 deg at the required sinks)
Sequence Logic Established	The primary heater will fire up to 50% output and once this is achieved the next heater will engage and follow suit to 50%. This process will continue depending on the demand for hot water which can eventually lead to all 6 heaters activating. This logic was confirmed with Noritz Tech Support
Primary Heater Operating Logic	After 8 consecutive hours the primary heater will switch to a different heater. If not, the cycle is every 24 hours for a new heater to be selected as primary. This is part of the heater programming already built in, confirmed information with Noritz tech support
Water Heater Sequence Functionality Validated	Pass
Comment	Heaters ran with the correct sequence
All Error Codes Cleared	Yes
Comment	
Are Heaters and Controllers Properly Labeled	Yes
Recirculation Pump's schedule and setpoint	This system does have a recirculating pump running 24/7 and is not on a timer. The set point for the pump is 120 degrees F.

Force water heaters into high demand to validate capacity

All sinks capable of Hot water delivery simultaneously for 5 minute time interval testing period

Expansion Tank Charged Pressure

The pressure was recorded at 59 PSI.

PRV static pressure set to pressure setpoint of Expansion Tank

No

Comment

No PRV located or City Water Line Pressure Validate from Trades on site.

Double Isolation Valve Tag/Certified

Notes/Comments :