



Shake Shack (Oak Lawn, IL) - Commissioning

CheckList Information

Name :	Pre-Cx Hot Water Heaters	Status :	NotSubmitted
Assigned Organization :	National TAB	Asset :	
Requesting Organization :	National TAB		

CheckList Item Details

GENERAL INSTALLATION

- Unit installed and casing in good condition

- Flue termination height and clearances per plumbing code

- Seismic / vibration isolation installed per specifications

- Instrumentation installed per specification (thermometers, pressure gauges, flow meters, etc)

- Combustion air supply complete

- Sufficient clearance around equipment for servicing

WATER HEATERS, EXPANSION TANKS, PIPING AND PUMPS

- Gas piping installed and tested with required pressure at inlet

- Isolation valves, control valves, balancing valves, Pressure gauges, temperature gauges installed

- Safety protection devices including high temperature burner shut-off, low water cutoff, flame failure, pre & post purge have been tested

- Pressure relief rating set to MFG specification/recommendation

- Strainers installed prior to hot water heaters, pumps, and flow control valves

- Test ports installed near all control sensors per specs

- Piping type and flow directions labeled on piping

- Water piping system pressure tested

Water Piping system cleaned, flushed & Filled,
Chlorine system installed

Expansion Tanks verified to not be air bound and
system is completely full with water. Verify the air
bladder pressure is equal to the water pressure
and is lower than 80 psi

Circulation pumps are installed, interlocked and
operational

ELECTRICAL AND CONTROLS

Power available to disconnects

Disconnects are visible, accessible and labeled

Water heater safeties installed and safe-operating
ranges provided to commissioning agent

Control system interlocks functional

Programming has been completed