Functional Test

Project:	
FT UNIT H	EATER UH-1, Penthouse
	Party Participation out this form and witnessing testing
1. Participants Party	Participation
Party filling out this form and witnessing test Date of test	ting
 ready for functional testing: UH-1 Boilers 1; 2 have successfully completed funct All control system functions for this and all interview. 	ional testing. terlocking systems are programmed and operable per contract
	rected. attached. points and schedules been incorporated that this equipment
	w the packaged control program(s) for this equipment. r to follow the specified written sequences.

k. <u>Record of All Values for Current Setpoints (SP)</u>, Control Parameters, Limits, Delays, Lockouts, Schedules, Etc. Changed to Accommodate Testing:

Notes:

Parameter	Pre-Test Values	Returned to Pre-Test Values √	Parameter	Pre-Test Values	Returned to Pre-Test Values √
UH-1 setpoint					

3. Sensor Calibration Checks. Check the sensors listed below for calibration and adequate location. This is a sampling check of calibrations done during prefunctional checklisting. Test the packaged controls and BAS readings.

"In calibration" means making a reading with a calibrated test instrument within 6 inches of the site sensor. Verify that the sensor reading (via the permanent thermostat, gage, packaged control panel or building automation system (BAS)) compared to the test instrument-measured value is within the tolerances specified in the prefunctional checklist requirements (______).

Sensor & Location	Loc- ation OK ¹	1st Gage or Pkg & BAS Values	Instru. Meas'd Value	Final Gage or Pkg & BAS Values	Pass Y/N?
UH-1 stat temp.		Stat:		Stat:	

¹Sensor location is appropriate and away from causes of erratic operation.

4. Device Calibration Checks.

----NONE----

5. Verification of Misc. Prefunctional Checks.

Misc. site checks of the prefunctional checklist and startup reports completed successfully. Pass? Y / N _____ Unit mounted securely. ___ Unit accessible for servicing. ___ No unusual noise or vibration in fan.

Proced. No. & Spec. Seq. ID ¹	Req ID No. ²	Test Procedure ³ (including special conditions)	Expected and Actual Response ⁴ [Write ACTUAL response in brackets or circle]	Pass Y/N & Note #
1 Seq. 1		Adjust the stat setpoint until it is equal to the space temp.	Fan starts Heating coil valve opens;warm air delivered.	
2 Seq. 1		Adjust the stat setpoint until it is 4F below the space temp.	Fan stops. Heating coil valve closes.	
3		Return all changed control parameters and conditions to their pre-test values ⁵	Check off in Section 2 above when completed	

6. Functional Testing Record

Record Foot Notes

Sequences of operation specified in Contract Documents (attached).

 2 Mode or function ID being tested, per testing requirements section of the project Specifications.

³Step-by-step procedures for manual testing, trend logging or data-logger monitoring.

⁴Include tolerances for a passing condition.

⁵Record any permanently changed parameter values and submit to Owner.

-- END OF TEST --

Notes: