



03-11-24 SHAKE SHACK #1468 - NEWINGTON, CT (TAB, IAQ, CX)

CheckList Information

Name :	KITCHEN HOOD - FPT	Status :	Not Completed
Assigned Organization :	National TAB	Asset :	
Requesting Organization :	National TAB		
Created Date :	03/04/2024 - Dan Hertenstein - National TAB		

CheckList Item Details

KITCHEN HOOD TAB VERIFICATION

Hood TAB was completed and both exhaust and supply CFM's have been set to within design rates.

Comment:

TAB firm completed and observed hot smoke test with 100% capture rate

Comment:

HOOD CONTROL SENSOR READING VALIDATION

The hood HMI and VFD's currently are in operational status with no alarms or errors.

Comment:

Compare the field reading for room temperature to the displayed room temperature of the hood's sensor, record both readings, to pass temperatures must be +/- 3 deg F of field reading.

Comment:

Compare the field reading for each hood riser sensor to the displayed temperature of the each hood riser, record all field and displayed temperatures. To pass the sensor must read within +/- 3 deg F of field reading

Comment:

Correct the programmed offset (5-degree prep mode and 15-degree modulation mode) to maintain the correct spans given the deviation of each riser from the room temperature. Indicate the final offset recording for both prep and modulation modes.

Comment:

HOOD CONTROLS MANUAL OPERATION

Hood lights operate independently from the hood fan switch

Comment:

Hood lights are interlocked with the fan "on" and "off" button.

Comment:

Kitchen hood On/Off switch is properly interlocked to energize/de-energize the hood exhaust fans and MUA simultaneously

Comment:

Hood has a "max" speed button that is programmed to stay on for 30 minutes when energized.

Comment:

Hood "max air" speed button can be turned off manually within the preset 30 minute timer and return to normal automatic or manual modulation or prep mode control.

Comment:

HOOD CONTROL AUTOMATIC OPERATION

When heat is detected, the HMI indicates "Fans on by Temp" and does not allow the user to turn the fans off

Comment:

Hood comes on in "prep mode" if hood is 5 degree's offset above room temperature.

Comment:

Hood has automatic temperature sensing to turn the hood on/off based on heat demand, that is programmed to begin modulation at 15 degree's offset above room temperature.

Comment:

Hood fans modulate with heat demand from low modulation speed to high speed.

Comment:

General Contractor has verified the hood life safety test was performed with all proper interlocks per local fire code.

Comment:

If the hood is to be operated by "schedule" indicate the M-S (7 day) occupied scheduled times

Comment:

HOOD AND KITCHEN RTU INTERLOCK

When the hood is "on" the Kitchen RTU is overridden to be occupied and the RTU will function per normal occupied SOO

Comment:
