

## CheckList List

- HVAC BMS I/O & ABNORMAL INTERLOCKS
- HVAC NORMAL INTERLOCKS: SOO



## 10-23-23 PERRY'S VERDAD - AUSTIN, TX (CX)

### CheckList Information

**Name :** HVAC BMS I/O & ABNORMAL INTERLOCKS **Status :** Completed  
**Assigned Organization :** National TAB **Asset :**  
**Requesting Organization :** National TAB  
**Created Date :** 10/23/2023 - Dan Hertenstein - National TAB  
**Completed Date :** 01/05/2024 - Dan Hertenstein - National TAB

### CheckList Item Details

Alarm(s) are sent to BMS monitoring site. Yes

**Comment:**

#### **FCU - VRF**

Component Failure/Alarms reported to BMS Yes

**Comment:**

OPERATION: Float switch, high water limit in main drain pan, FCU, "Fan off", cooling disabled (VRF) Pass

**Comment:**

BMS Reports: FCU Status (all) Pass

**Comment:**

BMS Reports: Common Alarms (all) Pass

**Comment:**

BMS Reports: Mode (all) Pass

**Comment:**

BMS Reports: Compressor Status

Pass

**Comment:**

BMS Reports: SAT (All FCU's)

N/A

**Comment:**

NO SAT SENSORS INSTALLED.

BMS Reports: Zone Temperatures (All FCU Space Sensor Locations - Alarm Status)

Pass

**Comment:**

BMS Reports: Condensate Overflow Detection (Alarm Status)

Pass

**Comment:**

BMS Reports: Supply Air Duct Smoke Detection (Alarm Status)

Pass

**Comment:**

**DOAS**

Component Failure/Alarms reported to BMS

Yes

**Comment:**

Float switch, high water limit in main drain pan, "Fan off", cooling disabled

Pass

**Comment:**

**KVS**

Component failure/alarms reported to BMS

Yes

**Comment:**

**VRF SYSTEM**

Component failure/alarms reported to BMS

Yes

**Comment:**



## 10-23-23 PERRY'S VERDAD - AUSTIN, TX (CX)

### CheckList Information

**Name :** HVAC NORMAL INTERLOCKS: SOO **Status :** Completed  
**Assigned Organization :** National TAB **Asset :**  
**Requesting Organization :** National TAB  
**Created Date :** 10/23/2023 - Dan Hertenstein - National TAB  
**Completed Date :** 12/15/2023 - Wesley John - National TAB

### CheckList Item Details

#### OCCUPIED

All HVAC systems are energized automatically utilizing the daily schedule for occupied "on" time. Yes

#### Comment:

DOAS go to "Fan On" mode with outdoor air damper 100% open Pass

#### Comment:

DOAS occupied cooling, heating and dehumidification setpoints are correctly displayed on the HMI controller Pass

#### Comment:

FCU go to "Fan On" mode Pass

#### Comment:

FCU occupied cooling, heating, and dehumidification setpoints are correctly displayed on the thermostats Pass

#### Comment:

KVS HOODS/PCU go to "Fan On" mode, hood lights energize (prep mode is disabled) Pass

**Comment:**

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With Hoods in modulation, All DOAS speed references are reduced and track along to maintain net positive pressure in the building and between spaces. Pass

**Comment:**

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All DOAS are in high speed (balance septoint) when the hoods are in Max Override Pass

**Comment:**

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**UNOCCUPIED**

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All HVAC systems are de-energized automatically utilizing the daily schedule for unoccupied "off" time. Pass

**Comment:**

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DOAS go to "Fan OFF" mode with outdoor air damper 100% closed. NOTE: Unoccupied Space setpoints shall be managed by FCU's, DOAS shall remain off. Exception: Hoods On by Temperature, overnight condition. Pass

**Comment:**

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FCU go to "Fan Auto" mode Pass

**Comment:**

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KVS HOODS/PCU go to "Fan Auto" mode, hood lights de-energize Pass

**Comment:**

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During Unoccupied, should Hood come "on" by auto temp mode, DOAS initiate to match speed of the hood. Pass

**Comment:**

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During Unoccupied, when hood goes "off" by auto temp mode, DOAS de-energize and go back to unoccupied mode. Pass

**Comment:**