

# National TAB

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

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## 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 :** 12/15/2023 - Wesley John - National TAB

### CheckList Item Details

#### BMS MONITORING CONTACT

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

#### Comment:

A responsible party is assigned to manage BMS alerts in real-time

#### Comment:

List Company name, Phone, & Email for active monitoring company

#### Comment:

List Captive-Aire Support office phone number for additional troubleshooting support

#### Comment:

List Trane Support office phone number for additional troubleshooting support

#### Comment:

List LG Support office phone number for additional troubleshooting support

#### Comment:

List General Contractor office phone number for additional troubleshooting support

**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:**

OPERATION: Smoke Detector - Alarm requirements to be provided by Life Safety Fire Marshal Test N/A

**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:**

Smoke Detector - Alarm requirements to be provided by Life Safety Fire Marshal Test

N/A

**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:**

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:**

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

Pass

**Comment:**

**UNOCCUPIED**

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

Pass

**Comment:**

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:**

FCU go to "Fan Auto" mode

Pass

**Comment:**

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

Pass

**Comment:**

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

Pass

**Comment:**

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

Pass

**Comment:**