

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:

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:

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: