

Report By:

National TAB
1329 E. KEMPER ROAD
SUITE 4210
CINCINNATI, OH 45246



Report: ISSUE REPORT
Function: Test, Adjust, & Balance
Date: 02/08/2024

PROJECT
02-05-24 PERRY'S - VERNON HILLS, IL

122 HAWTHORN CENTER

VERNON HILLS, IL 60061

Client

Air Supply HVAC
8N450 TAMLING CT
UNIT B
BARTLETT, IL 60103

Issue List

- EF-5 (Smoker): High on Airflow
- Exhaust Hood Alarms
- RTU-1: Blower Contactor buzzing
- RTU-4: High on airflow
- RTU-5: Not Operational
- Symbio RTUs: Humidity Alarm



02-05-24 PERRY'S - VERNON HILLS, IL

Project Issue Information

Issue Name : EF-5 (Smoker): High on Airflow
Description : EF-5 measured at 1343/1000 cfm. Fan does not have a speed controller installed and no speed control is listed in exhaust fan schedule. EF-5 is to be controlled through smoker operation, but control is not fully functional. Control bypassed and fan measured at max single speed.
Created By : National TAB **Assigned To :** National TAB - Michael McDonnell
Status : Open
Priority : Low **Asset Tag :**
Originated Date : 02/15/2024 - Michael McDonnell - National TAB

Project Issue File Details



Project Issue Response Details

- **02/15/2024 National TAB - Michael McDonnell**
 - A speed control will need to be installed and functional to bring EF-5 into design. Not anticipated to cause any issues as EF-5 only operates when smoker is fully evacuated of smoke.



02-05-24 PERRY'S - VERNON HILLS, IL

Project Issue Information

Issue Name : Exhaust Hood Alarms
Description : Exhaust hood HMI is displaying two faults: 1. Core #1 Fault and 2. Pressure Switch Fault. Core fault is due to fire suppression system not yet set up. Recommend faults are addressed and cleared. Hoods functional.

Created By : National TAB **Assigned To :** National TAB - Michael McDonnell

Status : Open

Priority : High **Asset Tag :**

Originated Date : 02/15/2024 - Michael McDonnell - National TAB

Project Issue File Details



Faults
02/15/2024



02-05-24 PERRY'S - VERNON HILLS, IL

Project Issue Information

Issue Name : RTU-1: Blower Contactor buzzing
Description : Blower contactor, or transformer in unit electrical compartment is buzzing, recommend service.
Created By : National TAB **Assigned To :** National TAB - Michael McDonnell
Status : Open
Priority : Low **Asset Tag :**
Originated Date : 02/08/2024 - Michael McDonnell - National TAB

Project Issue File Details

- 1. [Open](#) IMG1852.MOV
02/08/2024



02-05-24 PERRY'S - VERNON HILLS, IL

Project Issue Information

Issue Name : RTU-4: High on airflow
Description : RTU-4 is multispeed unit scheduled for 600cfm with speed taps. Plans call for constant volume. Unit is within design at Speed tap 1, where G is landed. Manual indicates placing W(heat) at 4 and Y (cool) at tap 2, puts heating and cooling to low speed, this is 940cfm. Not possible to wire all stages to same speed. No indication if jumpers are allowed.

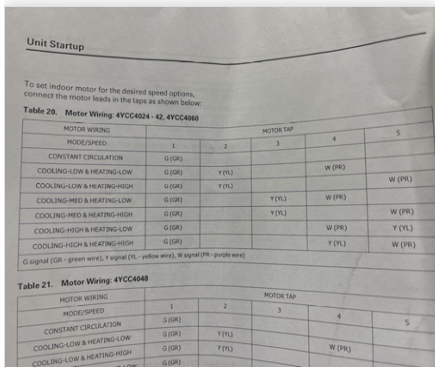
Created By : National TAB **Assigned To :** National TAB - Michael McDonnell

Status : Open

Priority : InfoOnly **Asset Tag :**

Originated Date : 02/08/2024 - Michael McDonnell - National TAB

Project Issue File Details



Speedtaps
02/08/2024

02-05-24 PERRY'S - VERNON HILLS, IL

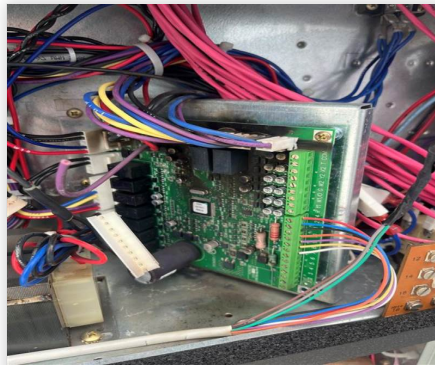
Project Issue Information

Issue Name : RTU-5: Not Operational
Description : RTU-5 is not operational as the control board is fried. Waiting on replacement board. Unit not yet balanced as result.
Created By : National TAB **Assigned To :** National TAB - Michael McDonnell
Status : Open
Priority : **Urgent** **Asset Tag :**
Originated Date : 02/08/2024 - Michael McDonnell - National TAB

Project Issue File Details



RTU_5
02/08/2024



RTU_5_CONTROLBOARD.jp..
02/08/2024

Project Issue Response Details

- **02/15/2024 National TAB - Michael McDonnell**
 - Trane Service was on site 2/14/24 to replace the board. They were unable to get the unit running.



02-05-24 PERRY'S - VERNON HILLS, IL

Project Issue Information

Issue Name : Symbio RTUs: Humidity Alarm
Description : All Symbio RTUs have an alarm regarding space humidity. Space humidity is being displayed as 1000001.0% at the RTUs. Space humidity arbitrator displays 65535.0%. Space humidity input displays -25.0%. Thermostats display space humidity reading. Recommend wiring is reviewed, space humidity readings configured.
Created By : National TAB **Assigned To :** National TAB - Michael McDonnell
Status : Open
Priority : Urgent **Asset Tag :**
Originated Date : 02/08/2024 - Michael McDonnell - National TAB

Project Issue File Details

