CERTIFICATION OF WORK
SERVICE CALL

(To be completed by the Contractor and saved in the Contractor's CMMS)

FACID/Building: WV046 Date of Visit: 04/07/25 - 04/09/25

Contractor Personnel on Site:

1. Jake Stahlnecker
2. _____
3. _____
4. _____
5. _____
6. _____

Service Call Number

FEMS# 2966459 WO# 17974

Description of Repairs

See Additional Documentation Attached.

CERTIFICATION OF WORK

To be signed by the Contractor:

Print Name: Jake Stahlnecker Date: 04/16/25

Signed: Jake Stahlnecker

To be signed by Facility Manager:

By signing the Certification of Work, the said government representative signature does not constitute acceptance of any work performed by the contractor, it only acknowledges that the contractor was on-site during the identified timeline:

Print Name/Rank: _____ Date: 4/16/25

Signed: Thomas M McBurney

E-Mail: _____

AHU-1, 2, & 3

- Discharge temp reset programming had a reset setup for cooling mode but once the AHU would switch to heating it would switch to a heating discharge temp setpoint of 100F.
    - Made both heating and cooling discharge air Temperature setpoint based on the same reset and confirmed operation.
- The hot water coil PID loop was controlling erratically, it would begin commanding the hot water valve open before the discharge temperature would fall below the discharge temperature setpoint and modulate to 100% by the time the discharge temp dropped below the setpoint.
    - I tuned the PID loop and monitored it for the remaining of the day and checked on it throughout the site visit. It now modulates open and maintains the discharge temperature setpoint versus slamming the valve open and throwing the discharge temp several degrees above setpoint and slamming closed and repeating every 5-10 minutes.
- Outdoor air and return dampers were both closed upon arrival.
    - Inverted the operation of the return damper and confirmed functionality of both outdoor and return dampers.
- Economizer setpoint were 70F which wouldn't ever let the facility utilize the economizer mode.
    - Additionally most often an economizer isn't set to run to maintain a specific mixed air temperature because it could cause unnecessary heating if the setpoint is adjusted too low.
    - The economizer is now setup to run to maintain discharge temperature sp minus offset setpoint.