Comfort. Under control.

GSA DC0007ZZ Veterans Admin (Washington, DC)

CheckList Information

Name :	AHU-3	**Status :**	NotSubmitted
Assigned Organization :	National TAB	**Asset :**	
Requesting Organization :	National TAB		

CheckList Item Details

AHU Measurement NOVA Third Party Contractor Fill Out. Measure and verify the building minimum and maximum outdoor air for each AHU providing outdoor air to the building.

Supply Air CFM Measured:	Design: 6000 / Actual: 5,357 CFM
Confirm DCV is Disabled (Demand Controlled Ventilation)	DCV is confirmed to be disabled.
Outside Air Measurement Method (Direct PT or SA-RA PT)	Outside air duct was traversed directly.
Outside Air CFM Measured: (Maximum and Minimum OA CFM)	Design: 6000 / Actual: 1,765 CFM
If Outside Air CFM is determined by Supply - Return air CFM, document the Measured Return Air CFM:	Outside air duct was traversed directly.
BAS Setpoint. Document BAS Setpoint at time of testing. Include Outside AIr Damper Setpoint BAS shows.	The original static pressure setpoint for the supply duct was set to 1.0".w.c.
Document Actual Observed Outside Air Damper Position. [Visual % Open: 0%, 25%, 75%, 100%.]	35%
• Open 3OADAMPER.jpg	
Does AHU have full air side economizer?	No

AHU Information & Verification. Include Photo Documentation

Attach Photos of AHU Nameplate.	Yes
• Open AHU3.jpg • Open AHU3.jpg	
Pre-Filter MERV Rating (or NA)	NA
Pre-Filter Size	NA
Final Filter MERV Rating	MERV 13

Final Filter Size	3- 16x24x4
• Open 3filters.jpg	
Belts - Visual Assessment of condition	The belt was found to be in good condition, as seen in the attached photo.
• Open 1BELT.jpg	
Belts - Size and quantity	1 - B42
Note if any modifications made to AHU set points to operate in full capacity.	NONE NECESSARY
Electrical connections - Visual assessment. Document motor Voltage and Amperage.	Motor voltage - 409.2 V VFD Amperage - 10.6 A VFD
• Open 3VFD.jpg	
Heating Coil(s) - Visual assessment and photo documentation.	Coil was in good condition, as seen in the attached photo.
• Open Heatingcoil.jpg	
Cooling Coil(s) - Visual assessment and photo documentation.	Coil was in good condition, but with slightly bent fins, as seen in the attached photo.
• Open Coolingcoil.jpg	
Condensate Pan(s) - Visual assessment and photo documentation.	Condensate pan had some rust.
• Open Condensate.jpg • Open Condensate.jpg • Open Condensatepan.jpg	
Any unusual operation observed? (including vibration, over-pressure, etc.)	NO
Exhaust System Status (on/off). If this does not apply for this AHU, "N/A"	NA
Visually inspect outdoor air intake louvers, bird screens, mist eliminators, and adjacent areas for cleanliness and integrity.	NA
Note ALL visible debris or visible biological material observed, physical damage to louvers, screens, or mist eliminators, and if such damage impairs the item from providing the required outdoor air entry.	No biological material or damage was noted at the unit.
List any found deficiencies. Note any remarks or comments, including corrective actions. Include photo documentation of any relevant findings.	NA
• Open AHU3.JPG	