



GSA DC0007ZZ Veterans Admin (Washington, DC)

CheckList Information

Name :	AHU-4	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: 3500 / Actual: 3,314 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: 450 / Actual: 182 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%.]	20%
<ul style="list-style-type: none"> • Open 4OADAMPER.jpg 	
Does AHU have full air side economizer?	No
AHU Information & Verification. Include Photo Documentation	
Attach Photos of AHU Nameplate.	Yes
<ul style="list-style-type: none"> • Open AHU4.jpg • Open AHU4.jpg 	
Pre-Filter MERV Rating (or NA)	MERV 13
Pre-Filter Size	20x30x2
Final Filter MERV Rating	No access, see issues.

Final Filter Size	No access, see issues.
Belts - Visual Assessment of condition	GOOD
<ul style="list-style-type: none"> • Open 4BELT.jpg 	
Belts - Size and quantity	1 - B54
Note if any modifications made to AHU set points to operate in full capacity.	The original setpoint for the AHU was starving the VAVs and the setpoint therefore had to be raised to 2.3" w.c.
Electrical connections - Visual assessment. Document motor Voltage and Amperage.	Motor Voltage-287.1 V VFD Amperage- 3.62 A VFD
<ul style="list-style-type: none"> • Open 4VFD.jpg 	
Heating Coil(s) - Visual assessment and photo documentation.	No access, see issues.
Cooling Coil(s) - Visual assessment and photo documentation.	Coil was in good condition, as seen in the attached photo.
<ul style="list-style-type: none"> • Open Coolingcoil.jpg 	
Condensate Pan(s) - Visual assessment and photo documentation.	The condensate pan was observed to be in good condition.
<ul style="list-style-type: none"> • Open Condensate.jpg • Open Condensate.jpg 	
Any unusual operation observed? (including vibration, over-pressure, etc.)	Motor sheave has unusual squeaking noise
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.	NA
List any found deficiencies. Note any remarks or comments, including corrective actions. Include photo documentation of any relevant findings.	No Handles on the access doors to final filter door
<ul style="list-style-type: none"> • Open AHU4_2_.JPG • Open AHU4.JPG 	