



GSA DC0007ZZ Veterans Admin (Washington, DC)

CheckList Information

Name : AHU-2 **Status :** Submitted
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: 6200 / Actual: 5,186 CFM
Confirm DCV is Disabled (Demand Controlled Ventilation)	DCV is confirmed to be disabled.
Outside Air Measurement Method (Direct PT or SA-RA PT)	SUPPLY AND RETURN DUCTS WERE TRAVERSED AND OUTSIDE AIR WAS CALCULATED AS THE DIFFERENCE.
Outside Air CFM Measured: (Maximum and Minimum OA CFM)	Design: 1200 / Actual: 1,547 CFM
If Outside Air CFM is determined by Supply - Return air CFM, document the Measured Return Air CFM:	3,640 CFM
BAS Setpoint. Document BAS Setpoint at time of testing. Include Outside Air Damper Setpoint BAS shows.	The static pressure setpoint for the supply duct was set to 1.3".w.c.
Document Actual Observed Outside Air Damper Position. [Visual % Open: 0%, 25%, 75%, 100%.]	THE OUTSIDE AIR DAMPER WAS 30% OPEN.
<ul style="list-style-type: none"> • Open 20ADMPER.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 AHU-2tag.jpg 	
Pre-Filter MERV Rating (or NA)	THERE ARE NO PRE-FILTERS PRESENT AT THIS UNIT.
Pre-Filter Size	NA

Final Filter MERV Rating	THE FINAL FILTERS HAVE A MERV RATING OF MERV 13.
Final Filter Size	THE UNIT HAS 6 16x25x4 FINAL FILTERS.
<ul style="list-style-type: none"> • Open 2filter.jpg 	
Belts - Visual Assessment of condition	AFTER A VISUAL ASSESSMENT THE BELT CONDITION IS GOOD.
<ul style="list-style-type: none"> • Open 2BELT.jpg 	
Belts - Size and quantity	THE UNIT HAS 1 - Bx52.
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 2.5" w.c.
Electrical connections - Visual assessment. Document motor Voltage and Amperage.	Motor Voltage - 389 V VFD Amperage- 9.26 A VFD
<ul style="list-style-type: none"> • Open 2VFD.jpg 	
Heating Coil(s) - Visual assessment and photo documentation.	THE HEATING COILS LOOK TO BE IN GOOD CONDITION.
<ul style="list-style-type: none"> • Open Heatingcoil.jpg 	
Cooling Coil(s) - Visual assessment and photo documentation.	THE COOLING COIL IS IN GOOD CONDITION.
<ul style="list-style-type: none"> • Open Coolingcoil.jpg 	
Condensate Pan(s) - Visual assessment and photo documentation.	THE CONDENSATE PIPE IS IN GOOD CONDITION.
<ul style="list-style-type: none"> • Open Condensatepipe.jpg • Open Condensatedrain.jpg • Open 2Condensate.jpg 	
Any unusual operation observed? (including vibration, over-pressure, etc.)	THERE WERE NO UNUSUAL OPERATION CONCERNS.
Exhaust System Status (on/off). If this does not apply for this AHU, "N/A"	THIS UNIT DOES NOT HAVE AN EXHAUST SYSTEM.
Visually inspect outdoor air intake louvers, bird screens, mist eliminators, and adjacent areas for cleanliness and integrity.	Inaccessible
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.	THERE WERE NO DEBRIS AND OR BIOLOGICAL MATERIAL.
List any found deficiencies. Note any remarks or comments, including corrective actions. Include photo documentation of any relevant findings.	THERE ARE NO OTHER DEFICIENCIES.

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