



GSA IL0236FC John C. Kluczynski Fed. BLDG. (Chicago, IL)

CheckList Information

Name :	AHU-04	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: 29,500 / Actual: 17,353 CFM
Confirm DCV is Disabled (Demand Controlled Ventilation)	Confirmed
Outside Air Measurement Method (Direct PT or SA-RA PT)	Direct
Outside Air CFM Measured: (Maximum and Minimum OA CFM)	16,650 CFM
If Outside Air CFM is determined by Supply - Return air CFM, document the Measured Return Air CFM:	NA
BAS Setpoint. Document BAS Setpoint at time of testing. Include Outside Air Damper Setpoint BAS shows.	30%
Document Actual Observed Outside Air Damper Position. [Visual % Open: 0%, 25%, 75%, 100%.]	25-30% Return is barely cracked open, return damper motor does not seem to be functioning
<ul style="list-style-type: none"> • Open 4_RETURN_DAMPER.jpg • Open 4_FINAL_DAMPER_1.jpg • Open 4_FINAL_DAMPER_2.jpg 	
Does AHU have full air side economizer?	Yes

AHU Information & Verification. Include Photo Documentation

Attach Photos of AHU Nameplate.	Yes
<ul style="list-style-type: none"> • Open 4_NAMEPLATE.jpg 	
Pre-Filter MERV Rating (or NA)	Not listed on Filters. Design is MERV 8
Pre-Filter Size	12@24x24x2 6@12x24x2

<ul style="list-style-type: none"> • Open 4_PREFILTER.jpg 	
Final Filter MERV Rating	Not listed on Filters. Design is MERV 15
Final Filter Size	12@24x24x22 6@12x24x22
Belts - Visual Assessment of condition	3 motors - direct drive
Belts - Size and quantity	Direct drive
Note if any modifications made to AHU set points to operate in full capacity.	
Electrical connections - Visual assessment. Document motor Voltage and Amperage.	3 VFDs @ 62.88 Hz A: 9.7 amps, 305.7 V B: 9.6 amps, 304.7 V C: 10.1 amps, 305.4 V
<ul style="list-style-type: none"> • Open 4_ELEC_CONN.jpg 	
Heating Coil(s) - Visual assessment and photo documentation.	No issues observed.
<ul style="list-style-type: none"> • Open 4_HEAT_COIL.jpg 	
Cooling Coil(s) - Visual assessment and photo documentation.	No issues observed.
<ul style="list-style-type: none"> • Open 4_COOL_COIL.jpg 	
Condensate Pan(s) - Visual assessment and photo documentation.	No issues observed.
<ul style="list-style-type: none"> • Open 4_CONDENSATE.jpg 	
Any unusual operation observed? (including vibration, over-pressure, etc.)	None observed.
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.	No issues observed.
<ul style="list-style-type: none"> • Open 4_INTAKE_1.jpg • Open 4_INTAKE_2.jpg 	
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.	None observed.
List any found deficiencies. Note any remarks or comments, including corrective actions. Include photo documentation of any relevant findings.	None AHU controls screenshot attached.
<ul style="list-style-type: none"> • Open 4_DEFICIENCIES.png 	