



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

CheckList Information

Name :	AHU-05	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: 37,500 / Actual: 14,513 CFM via traverse 15,300 CFM via velocity readings at cooling coil
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)	10260 OA size: 2@72x36 Return size: 96x24, return damper open 50%
<ul style="list-style-type: none"> • Open Return.jpg • Open OA.jpg 	
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%.]	Area 1: 10-15% Area 2: 25%
Does AHU have full air side economizer?	Yes
AHU Information & Verification. Include Photo Documentation	
Attach Photos of AHU Nameplate.	Yes
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Pre-Filter MERV Rating (or NA)	Not listed on Filters. Design is MERV 8
Pre-Filter Size	18@24x24x2 6@12x24x2

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Final Filter MERV Rating	Not listed on Filters. Design is MERV 15.
Final Filter Size	18@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 @ 51.68 Hz A: 10.6 amps, 326.9 V B: 10.7 amps, 325.3 V C: 11.1 amps, 324.7 V
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Heating Coil(s) - Visual assessment and photo documentation.	No issues observed.
<ul style="list-style-type: none"> • Open FuseIT1c50fd58f9b746.jpg 	
Cooling Coil(s) - Visual assessment and photo documentation.	No issues observed.
<ul style="list-style-type: none"> • Open FuseIT7458ebe81f7442.jpg 	
Condensate Pan(s) - Visual assessment and photo documentation.	No issues observed.
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Any unusual operation observed? (including vibration, over-pressure, etc.)	No unusual operation 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.
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 ACS5.png 	