



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

CheckList Information

Name :	AHU-08	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: 41000 / Actual: 13,971
Confirm DCV is Disabled (Demand Controlled Ventilation)	Confirmed
Outside Air Measurement Method (Direct PT or SA-RA PT)	Direct with vel-grid. 2 plenums 46x60 each. Avg vel 171 = 6555cfm.
Outside Air CFM Measured: (Maximum and Minimum OA CFM)	6555 Max and min dampers work in unison.
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%.]	Appears 20-30% open.
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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 ACS8Nameplate.jpg 	
Pre-Filter MERV Rating (or NA)	NL
Pre-Filter Size	(18) 24x14x2 (6) 12x24x2
Final Filter MERV Rating	NL

Final Filter Size	(18) 24x24x22 (6) 12x24x22
<ul style="list-style-type: none"> • Open FuseITae59686a9d844d.jpg • Open FuseITc5549f9ccd014f.jpg 	
Belts - Visual Assessment of condition	No belt- (3) Direct drive Motors
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Belts - Size and quantity	Na
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 at 42 hz A 13.8 amp @ 307v B 15.2 amp @ 308v C 14.1 amp @ 307v
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Heating Coil(s) - Visual assessment and photo documentation.	Appear in good condition.
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Cooling Coil(s) - Visual assessment and photo documentation.	Appear in good condition.
<ul style="list-style-type: none"> • Open FuseIT8ac482b766cf43.jpg 	
Condensate Pan(s) - Visual assessment and photo documentation.	Pans appear clean and clear.
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Any unusual operation observed? (including vibration, over-pressure, etc.)	Nothing unusual standing out.
Exhaust System Status (on/off). If this does not apply for this AHU, "N/A"	N/A
Visually inspect outdoor air intake louvers, bird screens, mist eliminators, and adjacent areas for cleanliness and integrity.	OA intake is provided by common shaft. No bird screen or obstruction. Appears clean.
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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.	Slight dust build up on duct walls and cross support.
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List any found deficiencies. Note any remarks or comments, including corrective actions. Include photo documentation of any relevant findings.	No corrections felt needed. Ahu Screenshot attached.

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