



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

CheckList Information

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|----------------------------------|--------------|-----------------|--------------|
| Name : | AHU-01 | 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.

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|--|---|
| Supply Air CFM Measured: | Design: 59500 / Actual: 33046 |
| 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) | 2,538 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%.] | 10% |
| <ul style="list-style-type: none"> • Open FuseIT29432e3cfe1142.jpg | |
| Does AHU have full air side economizing | Yes |
| AHU Information & Verification. Include Photo Documentation | |
| Attach Photos of AHU Nameplate. | Yes |
| <ul style="list-style-type: none"> • Open FuseITf2e6a4afc1bb43.jpg | |
| Pre-Filter MERV Rating (or NA) | Not listed on Filters. Design is MERV 8 |
| Pre-Filter Size | 24@24x24x2 14@12x24x2 |
| <ul style="list-style-type: none"> • Open FuseIT95c25f27f7c440.jpg | |

| | |
|---|---|
| Final Filter MERV Rating | Not listed on Filters. Design is MERV 15 |
| Final Filter Size | 12@24x24x22 14@12x24x2 |
| Belts - Visual Assessment of condition | 6 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. | 6 VFDs @ 44.13 Hz A: 7.1 amps, 281.2 V B: 7.8 amps, 280.2 V C: 7.2 amps, 281.6 V D: 7.9 amps, 281.6 V E: 7.2 amps, 280.0 V F: 7.8 amps, 282.3 V |
| <ul style="list-style-type: none"> • Open FuseITf55a3d79677b4b.jpg | |
| Heating Coil(s) - Visual assessment and photo documentation. | No issues observed |
| <ul style="list-style-type: none"> • Open FuseIT4a7b711d82b241.jpg | |
| Cooling Coil(s) - Visual assessment and photo documentation. | Unit has no cooling coil |
| Condensate Pan(s) - Visual assessment and photo documentation. | Unit has no cooling coil |
| 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. | Unable to access |
| 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 ACS1.png | |