

**Report By:**

National TAB  
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SUITE 4210  
CINCINNATI, OH 45246



**Report: TAB REPORT**  
**Function: Test, Adjust, & Balance**  
**Date: 01/27/2025**  
**Completed By: National TAB**

**PROJECT**  
**12-09-24 LORO DOMAIN AUSTIN, TX**

11601 domain dr

Austin, TX 78758

**Client**

HAI Hospitality

# National TAB

Project: 12-09-24 LORO DOMAIN AUSTIN, TX

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### AIR BALANCE SCHEDULE

| UNIT          | AREA SERVED | HVAC SUPPLY |        | HVAC RETURN |        | HVAC OUTDOOR |        | OA %   |        | HOOD MAKE-UP |        | HOOD EXHAUST |        | GENERAL EXH. |        |
|---------------|-------------|-------------|--------|-------------|--------|--------------|--------|--------|--------|--------------|--------|--------------|--------|--------------|--------|
|               |             | DESIGN      | ACTUAL | DESIGN      | ACTUAL | DESIGN       | ACTUAL | DESIGN | ACTUAL | DESIGN       | ACTUAL | DESIGN       | ACTUAL | DESIGN       | ACTUAL |
| RTU-1         | DINING      | 9500        | 8928   | 7500        | 6952   | 2000         | 1976   | 21.1%  | 22.1%  |              |        |              |        |              |        |
| RTU-2         | KITCHEN     | 6650        | 6477   | 5070        | 4915   | 1580         | 1562   | 23.8%  | 24.1%  |              |        |              |        |              |        |
| MUA-1         | HOODS       |             |        |             |        |              |        |        |        | 6120         | 6129   |              |        |              |        |
| EF-1          | HOODS 1&2   |             |        |             |        |              |        |        |        |              |        | 3752         | 3653   |              |        |
| EF-2          | HOOD 3      |             |        |             |        |              |        |        |        |              |        | 1900         | 1879   |              |        |
| EF-3          | HOOD 4      |             |        |             |        |              |        |        |        |              |        | 2000         | 1968   |              |        |
| EF-4          | HOOD 5      |             |        |             |        |              |        |        |        |              |        | 1400         | 1452   |              |        |
| EF-2          | INDOOR RR   |             |        |             |        |              |        |        |        |              |        |              |        | 600          | 414    |
| <b>TOTALS</b> |             | 16150       | 15405  | 12570       | 11867  | 3580         | 3538   |        |        | 6120         | 6129   | 9052         | 8952   | 600          | 414    |

#### NET BUILDING AIRFLOW CALCULATION

| TOTALS             | DESIGN    | ACTUAL     |
|--------------------|-----------|------------|
| TOTAL OA           | 9700      | 9667       |
| TOTAL EXHAUST      | 9652      | 9366       |
| <b>NET AIRFLOW</b> | <b>48</b> | <b>301</b> |

| DOOR TESTED    | BUILDING PRESSURE MEASUREMENTS (IN. H2O) |
|----------------|--|
| FRONT          | 0.007                                    |
| SIDE           | 0.008                                    |
| REAR           | 0.008                                    |
| <b>AVERAGE</b> | <b>0.0077</b>                            |

#### FINAL CHECKS

- ACTUAL NET AIRFLOW COINCIDES WITH DESIGN: ✓

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- MEASURED PRESSURES COINCIDES WITH ACTUAL NET AIRFLOW: ✓

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- PRESSURE FALLS WITHIN IMC TOLERANCE OF +/-0.02" W.C. ✓

NOTES:

## CheckList List

- TECH - STEP 1: INITIAL SITE WALKTHROUGH
- TECH - STEP 2: UNIT DATA AND EVAL
- TECH - STEP 3: TEST, ADJUST AND BALANCE
- TECH - STEP 4: FINAL TESTS



12-09-24 LORO DOMAIN AUSTIN, TX

CheckList Information

**Name :** TECH - STEP 1: INITIAL SITE WALKTHROUGH **Status :** Completed

**Assigned Organization :** National TAB **Asset :**

**Requesting Organization :** National TAB

**Created Date :** 12/09/2024 - Brian Turnbough - National TAB

**Completed Date :** 12/11/2024 - Wesley John - National TAB

CheckList Item Details

INITIAL SITE WALKTHROUGH

All diffusers and grilles are installed and match design? Yes

Comment:

All hood filters installed and accounted for? Yes

Comment:

Hoods are wired and have power? Yes

Comment:

Hood is free of alarms? Yes

Comment:

Thermostats have power? Yes

Comment:

Have trades/general contractor been notified about any issues and are they created on FaciliBuild?

Comment:

YES



## 12-09-24 LORO DOMAIN AUSTIN, TX

### CheckList Information

**Name :** TECH - STEP 2: UNIT DATA AND EVAL **Status :** Completed

**Assigned Organization :** National TAB **Asset :**

**Requesting Organization :** National TAB

**Created Date :** 12/09/2024 - Brian Turnbough - National TAB

**Completed Date :** 12/11/2024 - Wesley John - National TAB

### CheckList Item Details

UNIT DATA AND EVALUATION WHILE GATHERING UNIT DATA CHECK THE FOLLOWING:

RTU's/AHU's

Economizers are assembled and functional? Yes

Comment:

DCV Max damper opening position is set to minimum? Yes

Comment:

Free cooling enthalpy set point set for lowest setting (Typically "D") Yes

Comment:

Motors are all operating below the FLA rating? Yes

Comment:

Are belts tight?

Comment:

RTU-1 YES

If direct drive unit is the speed controller working.

**Comment:**

**Is gas piping installed and valves turned on?**

Yes

**Comment:**

**Unit free of noticeable noise and vibration**

Yes

**Comment:**

**EF's**

**Rotation is correct?**

Yes

**Comment:**

**Belts are tight?**

**Comment:**

**Grease cup installed on hood fan?**

Yes

**Comment:**

**Hinge kit installed installed on hood fan?**

Yes

**Comment:**

**Lean fan back. Is grease duct installation adequate and is duct ran all the way to the base of the fan?**

Yes

**Comment:**

**Flex conduit is long enough so that fan can be completely tilted back?**

Yes

**Comment:**

**There is no major leakage around base of fan?**

Yes

**Comment:**

**Is the motor operating below the motor FLA rating?**

Yes

**Comment:**

For restroom fan(s) is the back draft damper installed and can it fully open? Yes

Comment:

Unit free of noticeable noise and vibration? Yes

Comment:

**MUA**

Rotation is correct? Yes

Comment:

Gas piping is installed and valves are in on position? Yes

Comment:

Heater tested and is functional? Yes

Comment:

Internal motorized damper is fully opening? Yes

Comment:

Motor is operating below the FLA rating? Yes

Comment:

Unit free of noticeable noise and vibration? Yes

Comment:

**HOODS**

Kitchen equipment installed in proper places? Yes

Comment:

Can kitchen equipment be turned on for final smoke test? Yes

Comment:

**DOCUMENTATION**

Have trades/general contractor been notified about any issues and are they created on FaciliBuild?

Yes

Comment:



12-09-24 LORO DOMAIN AUSTIN, TX

**CheckList Information**

**Name :** TECH - STEP 3: TEST, ADJUST AND BALANCE      **Status :** Completed

**Assigned Organization :** National TAB      **Asset :**

**Requesting Organization :** National TAB

**Created Date :** 12/09/2024 - Brian Turnbough - National TAB

**Completed Date :** 12/11/2024 - Wesley John - National TAB

**CheckList Item Details**

TEST, ADJUST, AND BALANCE ALL EQUIPMENT:

DURING TESTING MAKE NOTE OF THE FOLLOWING:

Is space free of drafting? Yes

Comment:

Is space comfortable in all areas? Yes

Comment:

Is the space free of ventilation noise? Yes

Comment:

If deviations from design were necessary to resolve 1-3 what were they? Otherwise put "NA".

Comment:

NA



**TAB tech name / Firm**

**Comment:**

WESLEY JOHN / NATIONAL TAB

**Site super name / Firm**

**Comment:**

TREVON BLAND / LORO WAS WITNESS TO SMOKE CAPTURE TEST.

**Owner representative name / Firm (if Applicable)**

**Comment:**

NA

**Building pressure at front & back doors (All Systems On)**

**Comment:**

0.0077"

**ADDITIONAL**

**Do actual net building airflow, design net building airflow, and pressure coincide? If not why? (All three should either be positive or negative)**

**Comment:**

Yes

**Thermostats are programmed?**

Yes

**Comment:**

# National TAB

Project: 12-09-24 LORO DOMAIN AUSTIN, TX

System/Unit: AHU/RTU



Asset: RTU1

AREA:DINING

| Unit Data           |        |                    |
|---------------------|--------|--------------------|
|                     | Design | Actual             |
| MFG                 | NA     | RUUD               |
| Serial Num          | -      | F291601181         |
| Model Num           | NA     | RLNL-B300CL        |
| Type                | -      | RTU                |
| Configuration       | -      | VERTICAL DISCHARGE |
| Num OA Filters 1    | -      | 3                  |
| OA Filter Size 1    | -      | 24x24              |
| Num Final Filter 1  | -      | 8                  |
| Final Filter Size 1 | -      | 20x25x2            |

| Motor Data     |        |          |
|----------------|--------|----------|
|                | Design | Actual   |
| Motor MFG      | -      | MARATHON |
| Frame          | -      | 213T     |
| Horsepower     | -      | 7.5      |
| Motor Rpm      | -      | 1760     |
| Phase          | -      | 3        |
| Rated Voltage  | -      | 208      |
| Rated Amperage | -      | 21.0     |

| Drive Data        |        |
|-------------------|--------|
|                   | Actual |
| Motor Sheave Size | 1VP71  |
| Motor Bore Size   | 1 3/8" |
| Fan Sheave Size   | NA     |
| Fan Sheave Bore   | NA     |
| Belt CL Distance  | 27"    |
| Num of Belts      | 1      |
| Belt Size         | B82    |

| Test Data              |        |                |
|------------------------|--------|----------------|
|                        | Design | Actual         |
| SF CFM                 | 9500   | 8928           |
| SF RPM                 | -      | 923            |
| RA CFM                 | 7500   | 6952           |
| OA CFM                 | 2000   | 1976           |
| RL Voltage             | -      | 210/210/210    |
| RL Amperage            | -      | 14.9/14.6/14.7 |
| SF Rotation            | -      | CCW            |
| RA Damper Position     | -      | N/A            |
| Min OA Damper Position | -      | N/A            |
| Min OA Damper Type     | -      | N/A            |

| Performance Data |        |        |
|------------------|--------|--------|
|                  | Design | Actual |
| MA Plenum SP     | -      | -0.16" |
| Fan Suction SP   | -      | -0.33" |
| Fan Discharge SP | -      | 1.53"  |
| Total ESP        | -      | 1.69"  |

| General              |        |
|----------------------|--------|
|                      | Actual |
| Fan Rotation Correct | YES    |
| Unit Filters Clean   | YES    |

Completed By: Oscar Ventura on 01/27/2025

Notes:  
MOTOR PULLEY SET POINT 1 TURN OPEN.

Written By: Will Turnbough on 01/27/2025

## Unit Data - PHOTO LOG



12/11/2024

**National TAB**  
 Project: 12-09-24 LORO DOMAIN AUSTIN, TX  
**AHU/RTU**



**Diffuser Supply (GRD)**

**RTU1/DINING**

| Asset       |            |      |      |            |     |        |        |           |             |
|-------------|------------|------|------|------------|-----|--------|--------|-----------|-------------|
| Asset Name  | Location   | Type | Size | DESIGN CFM | AK  | CFM(1) | CFM(2) | FINAL CFM | % to design |
| RTU1-SGRD1  | WOMENS RR  | GD1  | 10"  | 275        | 1.0 | 353    | 388    | 249       | 90.5        |
| RTU1-SGRD2  | RR HALLWAY | GD1  | 10"  | 235        | 1.0 | 225    | 244    | 221       | 94.0        |
| RTU1-SGRD3  | MENS RR    | GD1  | 10"  | 275        | 1.0 | 62     | 70     | 253       | 92.0        |
| RTU1-SGRD4  | DINING     | SD2  | 14"  | 815        | 1.0 | 651    | 719    | 773       | 94.8        |
| RTU1-SGRD5  | DINING     | SD2  | 14"  | 815        | 1.0 | 584    | 645    | 754       | 92.5        |
| RTU1-SGRD6  | DINING     | SD2  | 14"  | 815        | 1.0 | 537    | 593    | 768       | 94.2        |
| RTU1-SGRD7  | BAR        | SD1  | 10"  | 345        | 1.0 | 224    | 242    | 312       | 90.4        |
| RTU1-SGRD8  | DINING     | SD2  | 14"  | 815        | 1.0 | 758    | 840    | 753       | 92.4        |
| RTU1-SGRD9  | DINING     | SD2  | 14"  | 815        | 1.0 | 914    | 987    | 744       | 91.3        |
| RTU1-SGRD10 | BAR        | SD1  | 10"  | 345        | 1.0 | 284    | 315    | 321       | 93.0        |
| RTU1-SGRD11 | DINING     | SD2  | 14"  | 815        | 1.0 | 862    | 956    | 768       | 94.2        |
| RTU1-SGRD12 | DINING     | SD2  | 14"  | 815        | 1.0 | 768    | 841    | 761       | 93.4        |
| RTU1-SGRD13 | BAR        | SD1  | 10"  | 345        | 1.0 | 214    | 239    | 320       | 92.8        |
| RTU1-SGRD14 | DINING     | SD2  | 14"  | 815        | 1.0 | 740    | 811    | 748       | 91.8        |
| RTU1-SGRD15 | DINING     | SD2  | 14"  | 815        | 1.0 | 759    | 830    | 843       | 103.4       |
| RTU1-SGRD16 | BAR        | SD1  | 10"  | 345        | 1.0 | 294    | 327    | 340       | 98.6        |
| Total       |            |      |      | 9500       |     | 8229   | 9047   | 8928      | 93.98%      |

Completed By: Wesley John on 12/12/2024

# National TAB

Project: 12-09-24 LORO DOMAIN AUSTIN, TX

System/Unit: AHU/RTU



Asset: RTU2

AREA: KITCHEN

| Unit Data           |        |                    |
|---------------------|--------|--------------------|
|                     | Design | Actual             |
| MFG                 | NA     | CARRIER            |
| Serial Num          | -      | 3024P26303         |
| Model Num           | NA     | 48FCEN20J2M5A8W4C0 |
| Type                | -      | RTU                |
| Configuration       | -      | VERTICAL DISCHARGE |
| Num OA Filters 1    | -      | 4                  |
| OA Filter Size 1    | -      | 16x24x1            |
| Num Final Filter 1  | -      | 6                  |
| Final Filter Size 1 | -      | 20x25x2            |

| Motor Data     |        |        |
|----------------|--------|--------|
|                | Design | Actual |
| Motor MFG      | -      | NL     |
| Frame          | -      | NL     |
| Horsepower     | -      | NL     |
| Motor Rpm      | -      | NL     |
| Phase          | -      | 3      |
| Rated Voltage  | -      | 208    |
| Rated Amperage | -      | 6.4 X2 |

| Test Data              |        |                |
|------------------------|--------|----------------|
|                        | Design | Actual         |
| SF CFM                 | 6650   | 6477           |
| SF RPM                 | -      | 2240           |
| RA CFM                 | 5070   | 4915           |
| OA CFM                 | 1580   | 1562           |
| RL Voltage             | -      | 210/211/210    |
| RL Amperage            | -      | 12.7/12.4/12.3 |
| SF Rotation            | -      | CCW            |
| RA Damper Position     | -      | 63%            |
| Min OA Damper Position | -      | 5.2 VDC (37%)  |
| Min OA Damper Type     | -      | OPPOSED BLADE  |

| Performance Data |        |        |
|------------------|--------|--------|
|                  | Design | Actual |
| MA Plenum SP     | -      | -0.89" |
| Fan Suction SP   | -      | -1.21" |
| Fan Discharge SP | -      | 0.60"  |
| Total ESP        | -      | 1.49"  |

| General              |        |
|----------------------|--------|
|                      | Actual |
| Fan Rotation Correct | YES    |
| Unit Filters Clean   | YES    |

Completed By: Wesley John on 12/11/2024

## Unit Data - PHOTO LOG



12/11/2024

# National TAB

Project: 12-09-24 LORO DOMAIN AUSTIN, TX

## AHU/RTU



**Diffuser Supply (GRD)**

**RTU2/KITCHEN**

| Asset       |            |      |      |            |     |        |        |           |             |
|-------------|------------|------|------|------------|-----|--------|--------|-----------|-------------|
| Asset Name  | Location   | Type | Size | DESIGN CFM | AK  | CFM(1) | CFM(2) | FINAL CFM | % to design |
| RTU2-SGRD1  | KITCHEN    | KD   | 10"  | 275        | 1.0 | 553    | -      | 250       | 90.9        |
| RTU2-SGRD2  | KITCHEN    | KD   | 10"  | 275        | 1.0 | 315    | -      | 273       | 99.3        |
| RTU2-SGRD3  | KITCHEN    | KD   | 10"  | 275        | 1.0 | 405    | -      | 292       | 106.2       |
| RTU2-SGRD4  | KITCHEN    | KD   | 12"  | 415        | 1.0 | 823    | -      | 388       | 93.5        |
| RTU2-SGRD5  | KITCHEN    | KD   | 12"  | 415        | 1.0 | 110    | -      | 424       | 102.2       |
| RTU2-SGRD6  | KITCHEN    | KD   | 12"  | 415        | 1.0 | 343    | -      | 379       | 91.3        |
| RTU2-SGRD7  | KITCHEN    | KD   | 10"  | 275        | 1.0 | 173    | -      | 288       | 104.7       |
| RTU2-SGRD8  | KITCHEN    | KD   | 10"  | 275        | 1.0 | 250    | -      | 281       | 102.2       |
| RTU2-SGRD9  | OUTDOOR RR | GD2  | 6"   | 60         | 1.0 | 51     | -      | 62        | 103.3       |
| RTU2-SGRD10 | KITCHEN    | KD   | 10"  | 275        | 1.0 | 243    | -      | 270       | 98.2        |
| RTU2-SGRD11 | KITCHEN    | KD   | 10"  | 275        | 1.0 | 343    | -      | 274       | 99.6        |
| RTU2-SGRD12 | OFFICE     | OD   | 10"  | 280        | 1.0 | 330    | -      | 292       | 104.3       |
| RTU2-SGRD13 | KITCHEN    | KD   | 10"  | 275        | 1.0 | 360    | -      | 280       | 101.8       |
| RTU2-SGRD14 | KITCHEN    | KD   | 10"  | 275        | 1.0 | 448    | -      | 283       | 102.9       |
| RTU2-SGRD15 | KITCHEN    | KD   | 10"  | 275        | 1.0 | 360    | -      | 291       | 105.8       |
| RTU2-SGRD16 | KITCHEN    | KD   | 10"  | 275        | 1.0 | 386    | -      | 274       | 99.6        |
| RTU2-SGRD17 | KITCHEN    | KD   | 12"  | 510        | 1.0 | 400    | -      | 463       | 90.8        |
| RTU2-SGRD18 | KITCHEN    | KD   | 12"  | 510        | 1.0 | 125    | -      | 465       | 91.2        |
| RTU2-SGRD19 | KITCHEN    | KD   | 12"  | 510        | 1.0 | 205    | -      | 472       | 92.5        |
| RTU2-SGRD20 | KITCHEN    | KD   | 12"  | 510        | 1.0 | 277    | -      | 476       | 93.3        |
| Total       |            |      |      | 6650       |     | 6500   | 0      | 6477      | 97.4%       |

Completed By: Wesley John on 12/11/2024

# National TAB

Project: 12-09-24 LORO DOMAIN AUSTIN, TX

System/Unit: FAN - Exhaust



Asset: DEF1

AREA:HOOD-5

| Unit Data            |             |                      |
|----------------------|-------------|----------------------|
|                      | Design      | Actual               |
| <b>MFG</b>           | ACCUREX     | ACCUREX              |
| <b>Model Num</b>     | XCUE-120-VG | XCUE-120-5-VG-1-19-X |
| <b>Serial Num</b>    | -           | 25137426             |
| <b>Type</b>          | -           | CENTRIFUGAL          |
| <b>Configuration</b> | -           | UPBLAST              |

| Test Data               |        |        |
|-------------------------|--------|--------|
|                         | Design | Actual |
| <b>CFM</b>              | 1400   | 1452   |
| <b>Fan RPM</b>          | -      | 1750   |
| <b>Fan Rotation</b>     | -      | CW     |
| <b>Motor RPM</b>        | -      | 1750   |
| <b>System SetPt</b>     | -      | 10/10  |
| <b>RL Voltage</b>       | -      | 121    |
| <b>RL Amperage</b>      | -      | 3.3    |
| <b>Total ESP</b>        | -      | 0.51"  |
| <b>Fan Inlet SP</b>     | -      | -0.51" |
| <b>Fan Discharge SP</b> | -      | ATM    |

| Motor Data              |        |             |
|-------------------------|--------|-------------|
|                         | Design | Actual      |
| <b>Motor MFG</b>        | -      | BROAD-OCEAN |
| <b>Frame</b>            | -      | NL          |
| <b>Horsepower</b>       | -      | 0.50        |
| <b>Motor Rpm</b>        | -      | 1750        |
| <b>Phase</b>            | -      | 1           |
| <b>Voltage (rated)</b>  | -      | 115         |
| <b>Amperage (rated)</b> | -      | 6.4         |
| <b>Service Factor</b>   | -      | NL          |

Completed By: Wesley John on 12/09/2024

## Unit Data - PHOTO LOG



12/11/2024

# National TAB

Project: 12-09-24 LORO DOMAIN AUSTIN, TX

System/Unit: FAN - Exhaust



Asset: KEF1

AREA:HOOD-1&2

| Unit Data     |         |                       |
|---------------|---------|-----------------------|
|               | Design  | Actual                |
| MFG           | ACCUREX | ACCUREX               |
| Model Num     | XUEF-18 | XUEF-18-3-B7-00-02-02 |
| Serial Num    | -       | 25136412              |
| Type          | -       | CENTRIFUGAL           |
| Configuration | -       | UTILITY               |

| Test Data        |        |         |
|------------------|--------|---------|
|                  | Design | Actual  |
| CFM              | 3752   | 3653    |
| Fan RPM          | -      | 1392    |
| Fan Rotation     | -      | CW      |
| Motor RPM        | -      | 1392    |
| System SetPt     | -      | 72.0 Hz |
| RL Voltage       | -      | 232 VFD |
| RL Amperage      | -      | 6.8 VFD |
| Total ESP        | -      | NA      |
| Fan Inlet SP     | -      | NA      |
| Fan Discharge SP | -      | ATM     |

| Motor Data       |        |        |
|------------------|--------|--------|
|                  | Design | Actual |
| Motor MFG        | -      | BALDOR |
| Frame            | -      | 215T   |
| Horsepower       | -      | 5      |
| Motor Rpm        | -      | 1160   |
| Phase            | -      | 3      |
| Voltage (rated)  | -      | 208    |
| Amperage (rated) | -      | 15.2   |
| Service Factor   | -      | 1.15   |

Completed By: Wesley John on 12/11/2024

Notes:  
SPEED SET POINT OKAYED BY ACCUREX TECHNICAL SUPPORT.

Written By: Wesley John on 12/11/2024

## Unit Data - PHOTO LOG



12/11/2024

# National TAB

Project: 12-09-24 LORO DOMAIN AUSTIN, TX

System/Unit: FAN - Exhaust



Asset: KEF2

AREA:HOOD-3

| Unit Data     |         |                       |
|---------------|---------|-----------------------|
|               | Design  | Actual                |
| MFG           | ACCUREX | ACCUREX               |
| Model Num     | XUEF-15 | XUEF-15-3-B7-00-02-02 |
| Serial Num    | -       | 25136411              |
| Type          | -       | CENTRIFUGAL           |
| Configuration | -       | UTILITY               |

| Test Data        |        |         |
|------------------|--------|---------|
|                  | Design | Actual  |
| CFM              | 1900   | 1879    |
| Fan RPM          | -      | 2242    |
| Fan Rotation     | -      | CW      |
| Motor RPM        | -      | 2242    |
| System SetPt     | -      | 76 Hz   |
| RL Voltage       | -      | 242 VFD |
| RL Amperage      | -      | 3.1 VFD |
| Total ESP        | -      | NA      |
| Fan Inlet SP     | -      | NA      |
| Fan Discharge SP | -      | ATM     |

| Motor Data       |        |        |
|------------------|--------|--------|
|                  | Design | Actual |
| Motor MFG        | -      | BALDOR |
| Frame            | -      | 56     |
| Horsepower       | -      | 1      |
| Motor Rpm        | -      | 1770   |
| Phase            | -      | 3      |
| Voltage (rated)  | -      | 208    |
| Amperage (rated) | -      | 3.2    |
| Service Factor   | -      | 1.15   |

Completed By: Wesley John on 12/11/2024

Notes:  
SPEED SET POINT OKAYED BY ACCUREX TECHNICAL SUPPORT.

Written By: Wesley John on 12/11/2024

## Unit Data - PHOTO LOG



12/11/2024

# National TAB

Project: 12-09-24 LORO DOMAIN AUSTIN, TX

System/Unit: FAN - Exhaust



Asset: KEF3

AREA:HOOD-4

| Unit Data     |            |                      |
|---------------|------------|----------------------|
|               | Design     | Actual               |
| MFG           | ACCUREX    | ACCUREX              |
| Model Num     | XRUE-140-A | XCUE-140-A-10-1-26-G |
| Serial Num    | -          | 25137436             |
| Type          | -          | CENTRIFUGAL          |
| Configuration | -          | UPBLAST              |

| Test Data        |        |             |
|------------------|--------|-------------|
|                  | Design | Actual      |
| CFM              | 2000   | 1968        |
| Fan RPM          | -      | 1467        |
| Fan Rotation     | -      | CW          |
| Motor RPM        | -      | 1467        |
| System SetPt     | -      | 50 Hz       |
| RL Voltage       | -      | 218/218/217 |
| RL Amperage      | -      | 3.1/3.1/3.1 |
| Total ESP        | -      | 0.81"       |
| Fan Inlet SP     | -      | -0.81"      |
| Fan Discharge SP | -      | ATM         |

| Motor Data       |        |        |
|------------------|--------|--------|
|                  | Design | Actual |
| Motor MFG        | -      | WEG    |
| Frame            | -      | 56     |
| Horsepower       | -      | 1      |
| Motor Rpm        | -      | 1760   |
| Phase            | -      | 3      |
| Voltage (rated)  | -      | 230    |
| Amperage (rated) | -      | 3.37   |
| Service Factor   | -      | 1.00   |

Completed By: Wesley John on 12/09/2024

## Unit Data - PHOTO LOG



12/11/2024

# National TAB

Project: 12-09-24 LORO DOMAIN AUSTIN, TX

System/Unit: FAN - Exhaust



Asset: TEF1

AREA:INDOOR RR

| Unit Data     |           |                 |
|---------------|-----------|-----------------|
|               | Design    | Actual          |
| MFG           | GREENHECK | GREENHECK       |
| Model Num     | G-090-VC  | G-080-VG-1-17-X |
| Serial Num    | -         | 25174675        |
| Type          | -         | CENTRIFUGAL     |
| Configuration | -         | DOWNBLAST       |

| Test Data        |        |        |
|------------------|--------|--------|
|                  | Design | Actual |
| CFM              | 600    | 414    |
| Fan RPM          | -      | 1750   |
| Fan Rotation     | -      | CW     |
| Motor RPM        | -      | 1750   |
| System SetPt     | -      | 10/10  |
| RL Voltage       | -      | 120    |
| RL Amperage      | -      | 1.3    |
| Total ESP        | -      | 0.31"  |
| Fan Inlet SP     | -      | -0.31" |
| Fan Discharge SP | -      | ATM    |

| Motor Data       |        |             |
|------------------|--------|-------------|
|                  | Design | Actual      |
| Motor MFG        | -      | BROAD-OCEAN |
| Frame            | -      | NL          |
| Horsepower       | -      | 0.10        |
| Motor Rpm        | -      | 1750        |
| Phase            | -      | 1           |
| Voltage (rated)  | -      | 115         |
| Amperage (rated) | -      | 1.38        |
| Service Factor   | -      | NL          |

Completed By: Wesley John on 12/11/2024

Notes:  
UNIT OPERATING AT 69% OF DESIGN AIR FLOW AND SET TO HIGH SPEED.

Written By: Wesley John on 12/12/2024

## Unit Data - PHOTO LOG



12/11/2024

**National TAB**  
 Project: 12-09-24 LORO DOMAIN AUSTIN, TX  
**FAN - Exhaust**



**Diffuser Ret/Exh (GRD)**

**TEF1/INDOOR RR**

| <b>Asset</b>      |                 |             |             |                   |           |               |               |                  |                    |
|-------------------|-----------------|-------------|-------------|-------------------|-----------|---------------|---------------|------------------|--------------------|
| <b>Asset Name</b> | <b>Location</b> | <b>Type</b> | <b>Size</b> | <b>DESIGN CFM</b> | <b>AK</b> | <b>CFM(1)</b> | <b>CFM(2)</b> | <b>FINAL CFM</b> | <b>% to design</b> |
| TEF1-EGRD1        | WOMENS RR       | GE1         | 10"         | 300               | 1.0       | 198           | -             | 198              | 66.0               |
| TEF1-EGRD2        | MENS RR         | GE1         | 10"         | 300               | 1.0       | 216           | -             | 216              | 72.0               |
| <b>Total</b>      |                 |             |             | <b>600</b>        |           | <b>414</b>    | <b>0</b>      | <b>414</b>       | <b>69%</b>         |

Completed By: Wesley John on 12/11/2024

# National TAB

Project: 12-09-24 LORO DOMAIN AUSTIN, TX

System/Unit: FAN - Exhaust



Asset: TEF2

AREA:OUTDOOR RR

| Unit Data     |           |                 |
|---------------|-----------|-----------------|
|               | Design    | Actual          |
| MFG           | GREENHECK | GREENHECK       |
| Model Num     | NA        | G-090-VG-1-17-X |
| Serial Num    | -         | 25174673        |
| Type          | -         | CENTRIFUGAL     |
| Configuration | -         | DOWNBLAST       |

| Motor Data       |        |             |
|------------------|--------|-------------|
|                  | Design | Actual      |
| Motor MFG        | -      | BROAD-OCEAN |
| Frame            | -      | NL          |
| Horsepower       | -      | 0.10        |
| Motor Rpm        | -      | 1750        |
| Phase            | -      | 1           |
| Voltage (rated)  | -      | 115         |
| Amperage (rated) | -      | 1.38        |
| Service Factor   | -      | NL          |

| Test Data        |        |        |
|------------------|--------|--------|
|                  | Design | Actual |
| CFM              | 100    | 107    |
| Fan RPM          | -      | 1750   |
| Fan Rotation     | -      | CW     |
| Motor RPM        | -      | 1750   |
| System SetPt     | -      | 10/10  |
| RL Voltage       | -      | 120    |
| RL Amperage      | -      | 1.1    |
| Total ESP        | -      | 0.20"  |
| Fan Inlet SP     | -      | -0.20" |
| Fan Discharge SP | -      | ATM    |

Completed By: Wesley John on 12/11/2024

# National TAB

Project: 12-09-24 LORO DOMAIN AUSTIN, TX

## System/Unit: FAN - Supply



Asset: MUA1

AREA:HOODS

| Unit Data     |                 |                    |
|---------------|-----------------|--------------------|
|               | Design          | Actual             |
| MFG           | ACCUREX         | ACCUREX            |
| Model Num     | XRV-25-15T-J-A1 | XRV-25-15I-J-A1    |
| Serial Num    | -               | 25136766           |
| Type          | -               | MUA                |
| Configuration | -               | VERTICAL DISCHARGE |

| Motor Data       |        |        |
|------------------|--------|--------|
|                  | Design | Actual |
| Motor MFG        | -      | BALDOR |
| Frame            | -      | 215T   |
| Horsepower       | -      | 10     |
| Motor Rpm        | -      | 1770   |
| Phase            | -      | 3      |
| Voltage (rated)  | -      | 208    |
| Amperage (rated) | -      | 28.0   |
| Service Factor   | -      | 1.15   |

| Gas Heat                  |        |        |
|---------------------------|--------|--------|
|                           | Design | Actual |
| Heater Operates (y/n)     | -      | YES    |
| Flame Status (pass/fail)  | -      | PASS   |
| Inlet Air Temp SetPt      | 55.0 F | 55.0 F |
| Discharge Air Temp SetPt  | 60.0 F | 60.0 F |
| Air Flow Switch SP Actual | -      | NA     |

| Test Data        |        |         |
|------------------|--------|---------|
|                  | Design | Actual  |
| CFM              | 6120   | 6129    |
| SF RPM           | -      | 2095    |
| Motor RPM        | -      | 2095    |
| SF System SetPt  | -      | 7.4 VDC |
| RL Voltage       | -      | 231 VFD |
| RL Amperage      | -      | 12.2 A  |
| Total ESP        | -      | 0.58"   |
| Fan Discharge SP | -      | 0.58"   |

| General              |        |
|----------------------|--------|
|                      | Actual |
| Fan Rotation Correct | YES    |

Completed By: Wesley John on 12/11/2024

Notes:  
7.4 VDC ON CONTROLLER CORRESPONDS TO 71 Hz ON VFD.

Written By: Wesley John on 12/11/2024

## Unit Data - PHOTO LOG



12/11/2024

# National TAB

Project: 12-09-24 LORO DOMAIN AUSTIN, TX

## System/Unit: Kitchen Hood Type I



Asset: HD1

AREA:COOKLINE

| Unit Data            |           |                  |
|----------------------|-----------|------------------|
|                      | Design    | Actual           |
| MFG                  | ACCUREX   | ACCUREX          |
| Model Num            | XXEW-93-S | XXEW-93.00-S     |
| Job / Serial Num     | -         | 25057723         |
| Type                 | -         | TYPE I<br>CANOPY |
| Hood length          | -         | 93"              |
| Hood Width           | -         | 54"              |
| Supply Plenum Type   | -         | PSP              |
| Supply Plenum Width  | -         | 18"              |
| Supply Plenum Length | -         | 93"              |

| Test Data Supply |        |        |
|------------------|--------|--------|
|                  | Design | Actual |
| CFM              | 1501   | 1422   |

| Test Data Exhaust        |        |        |
|--------------------------|--------|--------|
|                          | Design | Actual |
| Filter Type              | -      | BAFFLE |
| Filter Size 1            | -      | 20x16  |
| Filter Size 2            | -      | 20x20  |
| Filter Qty 1             | -      | 2      |
| Filter Qty 2             | -      | 3      |
| Filter AK factor size 1  | -      | 1.96   |
| Filters AK factor size 2 | -      | 2.40   |
| Filter Total AK Area     | -      | 11.12  |
| Filter1 FPM              | -      | 143    |
| Filter2 FPM              | -      | 148    |
| Filter3 FPM              | -      | 159    |
| Filter4 FPM              | -      | 162    |
| Filter5 FPM              | -      | 158    |
| Filter Ave FPM(corr)     | -      | 154    |
| CFM                      | 1752   | 1713   |

| Cooking Equipment |            |
|-------------------|------------|
|                   | Actual     |
| Item 1            | GRIDDLE    |
| Item 2            | CHARGRILL  |
| Item 3            | SALAMANDER |

Completed By: Wesley John on 12/11/2024

Notes:  
VELOCITY READINGS AT ACCUREX PSP INACCURATE. PERFORMED DUCT TRAVERSE TO MEASURE SUPPLY AIR TO HOOD.

Written By: Wesley John on 12/11/2024

**Unit Data - PHOTO LOG**



**12/11/2024**

# National TAB

Project: 12-09-24 LORO DOMAIN AUSTIN, TX

## System/Unit: Kitchen Hood Type I



Asset: HD2

AREA:COOKLINE

| Unit Data            |           |                  |
|----------------------|-----------|------------------|
|                      | Design    | Actual           |
| MFG                  | ACCUREX   | ACCUREX          |
| Model Num            | XXEW-93-S | XXEW-93.00-S     |
| Job / Serial Num     | -         | 25057726         |
| Type                 | -         | TYPE I<br>CANOPY |
| Hood length          | -         | 93"              |
| Hood Width           | -         | 54"              |
| Supply Plenum Type   | -         | PSP              |
| Supply Plenum Width  | -         | 18"              |
| Supply Plenum Length | -         | 93"              |

| Test Data Supply |        |        |
|------------------|--------|--------|
|                  | Design | Actual |
| CFM              | 1501   | 1581   |

| Test Data Exhaust        |        |        |
|--------------------------|--------|--------|
|                          | Design | Actual |
| Filter Type              | -      | BAFFLE |
| Filter Size 1            | -      | 20x16  |
| Filter Size 2            | -      | 20x20  |
| Filter Qty 1             | -      | 2      |
| Filter Qty 2             | -      | 3      |
| Filter AK factor size 1  | -      | 1.96   |
| Filters AK factor size 2 | -      | 2.40   |
| Filter Total AK Area     | -      | 11.12  |
| Filter1 FPM              | -      | 164    |
| Filter2 FPM              | -      | 167    |
| Filter3 FPM              | -      | 178    |
| Filter4 FPM              | -      | 184    |
| Filter5 FPM              | -      | 177    |
| Filter Ave FPM(corr)     | -      | 174    |
| CFM                      | 2000   | 1940   |

| Cooking Equipment |        |
|-------------------|--------|
|                   | Actual |
| Item 1            | FRYERS |

Completed By: Wesley John on 12/11/2024

Notes:

VELOCITY READINGS AT ACCUREX PSP INACCURATE. PERFORMED DUCT TRAVERSE TO MEASURE SUPPLY AIR TO HOOD.

Written By: Wesley John on 12/11/2024

# National TAB

Project: 12-09-24 LORO DOMAIN AUSTIN, TX

## System/Unit: Kitchen Hood Type I



Asset: HD3

AREA:COOKLINE

| Unit Data            |          |                  |
|----------------------|----------|------------------|
|                      | Design   | Actual           |
| MFG                  | ACCUREX  | ACCUREX          |
| Model Num            | XO-120-S | XXEW-59.00-S     |
| Job / Serial Num     | -        | 25057706         |
| Type                 | -        | TYPE I<br>CANOPY |
| Hood length          | -        | 59"              |
| Hood Width           | -        | 72"              |
| Supply Plenum Type   | -        | PSP              |
| Supply Plenum Width  | -        | 18"              |
| Supply Plenum Length | -        | 59"              |

| Test Data Supply |        |        |
|------------------|--------|--------|
|                  | Design | Actual |
| CFM              | 1520   | 1476   |

| Test Data Exhaust        |        |        |
|--------------------------|--------|--------|
|                          | Design | Actual |
| Filter Type              | -      | BAFFLE |
| Filter Size 1            | -      | 20x16  |
| Filter Size 2            | -      | 20x20  |
| Filter Qty 1             | -      | 1      |
| Filter Qty 2             | -      | 2      |
| Filter AK factor size 1  | -      | 1.96   |
| Filters AK factor size 2 | -      | 2.40   |
| Filter Total AK Area     | -      | 6.76   |
| Filter1 FPM              | -      | 265    |
| Filter2 FPM              | -      | 333    |
| Filter3 FPM              | -      | 236    |
| Filter Ave FPM(corr)     | -      | 278    |
| CFM                      | 1900   | 1879   |

| Cooking Equipment |        |
|-------------------|--------|
|                   | Actual |
| Item 1            | SMOKER |

Completed By: Wesley John on 12/11/2024

Notes:

VELOCITY READINGS AT ACCUREX PSP INACCURATE. PERFORMED DUCT TRAVERSE TO MEASURE SUPPLY AIR TO HOOD.

Written By: Wesley John on 12/11/2024

## Unit Data - PHOTO LOG



12/11/2024

# National TAB

Project: 12-09-24 LORO DOMAIN AUSTIN, TX

## System/Unit: Kitchen Hood Type II



Asset: HD(Type2)4

AREA:COOKLINE

| Unit Data   |         |                |
|-------------|---------|----------------|
|             | Design  | Actual         |
| MFG         | ACCUREX | ACCUREX        |
| Model Num   | NA      | XO-120.00-S    |
| Serial Num  | -       | 25057715       |
| Type        | -       | TYPE II CANOPY |
| Hood length | -       | 120"           |
| Hood Width  | -       | 60"            |

| Test Data   |        |        |
|-------------|--------|--------|
|             | Design | Actual |
| Exhaust CFM | 2000   | 1968   |

Completed By: Wesley John on 12/11/2024

Notes:  
 VELOCITY READINGS AT ACCUREX PSP INACCURATE. PERFORMED DUCT TRAVERSE TO MEASURE SUPPLY AIR TO HOOD.  
 HOOD SUPPLY VALUE IS 1650 OUT OF 1520 DESIGN.

Written By: Wesley John on 12/11/2024

### Unit Data - PHOTO LOG



12/11/2024

# National TAB

Project: 12-09-24 LORO DOMAIN AUSTIN, TX

## System/Unit: Kitchen Hood Type II



Asset: HD(Type2)5

AREA:DISHWASH

| Unit Data   |         |                   |
|-------------|---------|-------------------|
|             | Design  | Actual            |
| MFG         | ACCUREX | ACCUREX           |
| Model Num   | XO-96-S | XO-96.00-S        |
| Serial Num  | -       | 25057712          |
| Type        | -       | TYPE II<br>CANOPY |
| Hood length | -       | 96"               |
| Hood Width  | -       | 48"               |

| Test Data   |        |        |
|-------------|--------|--------|
|             | Design | Actual |
| Exhaust CFM | 1400   | 1452   |

Completed By: Wesley John on 12/09/2024

### Unit Data - PHOTO LOG



12/11/2024

LABORATORY FANS INTENSIFIER THROUGH THE WALLS AS INDICATED.

7-1

10%

Date: 1/27/2025

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