

Report By:

National TAB  
1329 E. KEMPER ROAD  
SUITE 4210  
CINCINNATI, OH 45246



**Report: PRELIM REPORT**  
**Function: Test, Adjust, & Balance**  
**Date: 03/05/2024**

**PROJECT**  
**03-04-24 PENN STATION - SEYMOUR, IN**

449 COTTONWOOD DR

SEYMOUR, IN 47274

Client

C&T DESIGN  
4025 PORT UNION RD.  
FAIRFIELD, OH 45014

# National TAB

Project: 03-04-24 PENN STATION - SEYMOUR, IN

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## CheckList List

- TECH - SITE PICTURES
- TECH - STEP 1: INITIAL WALKTHROUGH
- TECH - STEP 2: UNIT DATA AND EVAL
- TECH - STEP 3: TEST, ADJUST AND BALANCE
- TECH - STEP 4: FINAL TESTS
- TECH - STEP 5: FINAL DOCUMENTATION





**IMG\_3135**  
**03/06/2024**

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RTU-2

**Comment:**



**IMG\_3134**  
**03/06/2024**

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KEF-1

**Comment:**



**IMG\_3131**  
**03/06/2024**

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KEF-2

**Comment:**



**IMG\_3132**  
**03/06/2024**

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KEF-3

**Comment:**



**IMG\_3133**  
**03/06/2024**

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EF-4

**Comment:**



**IMG\_3154**  
**03/06/2024**

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EF-5

**Comment:**



**IMG\_3155**  
**03/06/2024**

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MUA-1

**Comment:**



**IMG\_3136**  
**03/06/2024**

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HD-1

**Comment:**



**IMG\_3140**  
**03/06/2024**

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HD-2

**Comment:**



**IMG\_3141**  
**03/06/2024**

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HD-3

**Comment:**



**IMG\_3142**  
**03/06/2024**



### 03-04-24 PENN STATION - SEYMOUR, IN

#### CheckList Information

**Name :** TECH - STEP 1: INITIAL WALKTHROUGH      **Status :** Not Completed  
**Assigned Organization :** National TAB      **Asset :**  
**Requesting Organization :** National TAB  
**Created Date :** 02/28/2024 - Brianna Biggs - National TAB

#### CheckList Item Details

##### INITIAL SITE WALKTHROUGH

Review Plan Review Checklist, has it been signed off and meets our standards to start balancing? If not contact processor to ensure job is ready.

**Comment:**

All diffusers and grilles are installed and match design?

**Comment:**

YES

All hood filters installed and accounted for?

**Comment:**

YES

Hoods are wired and have power?

**Comment:**

YES

Hood is free of alarms?

**Comment:**

YES

Thermostats have power?

**Comment:**

YES

---

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

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**Comment:**

GC was not on site, issues created on FaciliBuild.

---



### 03-04-24 PENN STATION - SEYMOUR, IN

#### CheckList Information

**Name :** TECH - STEP 2: UNIT DATA AND EVAL **Status :** Not Completed  
**Assigned Organization :** National TAB **Asset :**  
**Requesting Organization :** National TAB  
**Created Date :** 02/28/2024 - Brianna Biggs - 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?

**Comment:**

N/A

DCV Max damper opening position is set to minimum?

**Comment:**

N/A

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

**Comment:**

N/A

Motors are all operating below the FLA rating?

**Comment:**

YES

Are belts tight?

**Comment:**

N/A

If direct drive unit is the speed controller working.

**Comment:**

YES

Is gas piping installed and valves turned on?

**Comment:**

YES

Unit free of noticeable noise and vibration

**Comment:**

YES

**EF's**

Rotation is correct?

**Comment:**

YES

Belts are tight?

**Comment:**

N/A

Grease cup installed on hood fan?

**Comment:**

YES

Hinge kit installed installed on hood fan?

**Comment:**

YES

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

**Comment:**

YES

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

**Comment:**

YES

There is no major leakage around base of fan?

**Comment:**

NO

Is the motor operating below the motor FLA rating?

**Comment:**

YES

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

**Comment:**

N/A

Unit free of noticeable noise and vibration?

**Comment:**

YES

**MUA**

Rotation is correct?

**Comment:**

YES

Gas piping is installed and valves are in on position?

**Comment:**

YES

Heater tested and is functional?

**Comment:**

YES

Internal motorized damper is fully opening?

**Comment:**

YES

Motor is operating below the FLA rating?

**Comment:**

YES

Unit free of noticeable noise and vibration?

**Comment:**

YES

---

**HOODS**

Kitchen equipment installed in proper places?

**Comment:**

YES

Can kitchen equipment be turned on for final smoke test?

**Comment:**

NO

---

**DOCUMENTATION**

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

**Comment:**

GC was not on site, issues created on FaciliBuild.



### 03-04-24 PENN STATION - SEYMOUR, IN

#### CheckList Information

**Name :** TECH - STEP 3: TEST, ADJUST AND BALANCE      **Status :** Not Completed  
**Assigned Organization :** National TAB      **Asset :**  
**Requesting Organization :** National TAB  
**Created Date :** 02/28/2024 - Brianna Biggs - National TAB

#### CheckList Item Details

TEST, ADJUST, AND BALANCE ALL EQUIPMENT:

DURING TESTING MAKE NOTE OF THE FOLLOWING:

Is space free of drafting?

**Comment:**

YES

Is space comfortable in all areas?

**Comment:**

YES

Is the space free of ventilation noise?

**Comment:**

YES

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

**Comment:**

NA



### 03-04-24 PENN STATION - SEYMOUR, IN

#### CheckList Information

**Name :** TECH - STEP 4: FINAL TESTS                      **Status :** Not Completed  
**Assigned Organization :** National TAB                      **Asset :**  
**Requesting Organization :** National TAB  
**Created Date :** 02/28/2024 - Brianna Biggs - National TAB

#### CheckList Item Details

##### FINAL TESTS

##### HOOD CAPTURE TEST

List equipment turned on for testing

**Comment:**

NONE

List smoke candle type used

**Comment:**

45 SECOND

Smoke test capture - Perimeter of hood

**Comment:**

100%

Smoke test capture - Top of cooking surface

**Comment:**

100%

##### WITNESS

Date test was completed

**Comment:**

03/05/2024

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TAB tech name / Firm

**Comment:**

Jordan Best / NTi

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Site super name / Firm

**Comment:**

Sean Curran / Curran Construction

---

Owner representative name / Firm (if Applicable)

**Comment:**

N/A

---

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

**Comment:**

0 / 0.0008 / 0.0001

---

**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

---

**PROGRAM THERMOSTATS**

---

Occupied 7:15AM-10:15PM: 68 Heat/72 Cool (NOTE: 3 degree MAX setback)

**Comment:**

YES

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Unoccupied 10:16PM-7:14AM: 65 Heat/75 Cool

**Comment:**

YES



### 03-04-24 PENN STATION - SEYMOUR, IN

#### CheckList Information

**Name :** TECH - STEP 5: FINAL DOCUMENTATION      **Status :** Not Completed  
**Assigned Organization :** National TAB      **Asset :**  
**Requesting Organization :** National TAB  
**Created Date :** 02/28/2024 - Brianna Biggs - National TAB

#### CheckList Item Details

##### FINAL DOCUMENTATION

Marked Data capture complete for all assets?

**Comment:**

YES

Picture file sent to processing team or uploaded?

**Comment:**

YES

Balance schedule complete and uploaded?

**Comment:**

YES

Prelim report generated and reviewed?

**Comment:**

YES

## Issue List

- Hood 3 Gap in Filter Bank
- RTU-2 Damper Handle
- RTU-2 Diffuser Above Design



**03-04-24 PENN STATION - SEYMOUR, IN**

**Project Issue Information**

**Issue Name :** Hood 3 Gap in Filter Bank  
**Description :** Hood 3 hood bank has a slight gap when all filters are installed. Taped over during testing. Recommend installing attachment to close gap.  
**Created By :** National TAB                      **Assigned To :** National TAB - Jordan Best  
**Status :** Open  
**Priority :** Medium                                      **Asset Tag :**  
**Originated Date :** 03/06/2024 - Jordan Best - National TAB

Project Issue File Details



IMG\_3146  
03/06/2024



**03-04-24 PENN STATION - SEYMOUR, IN**

**Project Issue Information**

**Issue Name :** RTU-2 Damper Handle  
**Description :** RTU-2, diffuser 6 damper handle is broken. Damper was jammed, in the process of attempting to adjust wing nut, the handle snapped off. I was still able to get diffuser to design but recommend replacing damper/handle.  
**Created By :** National TAB                      **Assigned To :** National TAB - Jordan Best  
**Status :** Open  
**Priority :** Medium                                      **Asset Tag :**  
**Originated Date :** 03/06/2024 - Jordan Best - National TAB



**03-04-24 PENN STATION - SEYMOUR, IN**

**Project Issue Information**

**Issue Name :** RTU-2 Diffuser Above Design  
**Description :** RTU-2 diffuser 5 is above design CFM. Damper is fully closed limiting flow as much as possible. This is causing diffusers 7-10 to be slightly outside of design.  
**Created By :** National TAB                      **Assigned To :** National TAB - Jordan Best  
**Status :** Open  
**Priority :** Medium                                      **Asset Tag :**  
**Originated Date :** 03/06/2024 - Jordan Best - National TAB

# National TAB

Project: 03-04-24 PENN STATION - SEYMOUR, IN

System/Unit: AHU/RTU



Asset: RTU1

AREA:

Unit Data		
	Design	Actual
MFG	CARRIER	BRYANT
Serial Num	-	2523P64041
Model Num	48FCEMO7A3M5-6W0A0	582KP08N180A2
Type	RTU	RTU
Configuration	VERTICAL	VERTICAL
Num OA Filters 1	-	1
OA Filter Size 1	-	11"X12"
Num Final Filter 1	-	4
Final Filter Size 1	-	16"X20"X2"

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

Test Data		
	Design	Actual
SF CFM	2400	2474
SF RPM	-	5.3 VDC
RA CFM	1750	1823
OA CFM	650	651
RL Voltage	-	211.7/210.3/210.7
RL Amperage	-	1.83/1.68/1.97
SF Rotation	-	CCW
Min OA Damper Position	-	1/3
Min OA Damper Type	-	MANUAL

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.35"
Fan Suction SP	-	-0.66"
Fan Discharge SP	-	0.25"
Total ESP	-	0.6"
Fan Total SP	-	0.91"

General		
	Design	Actual
Fan Rotation Correct	-	YES
Unit Filters Clean	-	YES
Condensate Drain Installed	-	YES

Completed By: Jordan Best on 03/05/2024

# National TAB

Project:03-04-24 PENN STATION - SEYMOUR, IN

## AHU/RTU



### Diffuser Supply (GRD)

#### RTU1/

Asset									
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
SGRD1	DINING	10"	10"	300	1	395	304	304	101.3
SGRD2	DINING	10"	10"	300	1	402	315	315	105.0
SGRD3	DINING	10"	10"	300	1	412	313	313	104.3
SGRD4	DINING	10"	10"	300	1	442	326	326	108.7
SGRD5	DINING	10"	10"	300	1	338	278	278	92.7
SGRD6	DINING	10"	10"	300	1	448	325	325	108.3
SGRD7	DINING	10"	10"	300	1	397	285	285	95.0
SGRD8	DINING	10"	10"	300	1	442	328	328	109.3
Total				2400		3276	2474	2474	103.08%

Completed By: Jordan Best on 03/05/2024

# National TAB

Project: 03-04-24 PENN STATION - SEYMOUR, IN

System/Unit: AHU/RTU



Asset: RTU2

AREA:

Unit Data		
	Design	Actual
MFG	CARRIER	BRYANT
Serial Num	-	2523P64042
Model Num	48FCDM07A3M5-6W0A0	582KP08N180A2
Type	RTU	RTU
Configuration	VERTICAL	VERTICAL
Num OA Filters 1	-	1
OA Filter Size 1	-	12"X11"
Num Final Filter 1	-	4
Final Filter Size 1	-	16"X20"X2"

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

Test Data		
	Design	Actual
SF CFM	3115	2928
SF RPM	-	7.84 VDC
RA CFM	1800	2283
OA CFM	600	645
RL Voltage	-	211.5/209.9/210.9
RL Amperage	-	4.65/4.26/4.17
SF Rotation	-	CCW
Min OA Damper Position	-	1/3
Min OA Damper Type	-	MANUAL

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.71"
Fan Suction SP	-	-1.37"
Fan Discharge SP	-	0.54"
Total ESP	-	1.25"
Fan Total SP	-	1.91"

General		
	Design	Actual
Fan Rotation Correct	-	YES
Unit Filters Clean	-	YES
Condensate Drain Installed	-	YES

Completed By: Jordan Best on 03/05/2024

# National TAB

Project:03-04-24 PENN STATION - SEYMOUR, IN

## AHU/RTU



### Diffuser Supply (GRD)

#### RTU2/

Asset									
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
SGRD1	RR HALLWAY		6"	100	1	151	148	96	96.0
SGRD2	RESTROOM		6"	50	1	134	139	55	110.0
SGRD3	RESTROOM		6"	50	1	125	150	45	90.0
SGRD4	PREP AREA		10"	300	1	286	311	273	91.0
SGRD5	PREP AREA		10"	300	1	492	520	420	140.0
SGRD6	PREP AREA		10"	300	1	80	79	285	95.0
SGRD7	SERVELINE			325	1	209	264	272	83.7
SGRD8	SERVELINE			325	1	231	257	264	81.2
SGRD9	SERVELINE			325	1	171	169	273	84.0
SGRD10	SERVELINE			325	1	243	267	230	70.8
SGRD11	HOOD 1	ACPSP	8"	250	1.5	286	276	234	93.6
SGRD12	HOOD 2	ACPSP	8"	465	2.83	563	540	481	103.4
Total				3115		2971	3120	2928	94%

Completed By: Jordan Best on 03/05/2024

# National TAB

Project: 03-04-24 PENN STATION - SEYMOUR, IN

## System/Unit: FAN - Exhaust



Asset: EF4

AREA:RESTROOM

Unit Data		
	Design	Actual
MFG	NA	BROAN
Model Num	NA	QTXE080-F
Serial Num	-	NA
Type	-	CEILING
Configuration	-	VERTICAL

Test Data		
	Design	Actual
CFM	75	82

Completed By: Jordan Best on 03/05/2024

# National TAB

Project: 03-04-24 PENN STATION - SEYMOUR, IN

System/Unit: FAN - Exhaust



Asset: EF5

AREA:RESTROOM

### Unit Data

	Design	Actual
<b>MFG</b>	NA	BROAN
<b>Model Num</b>	NA	QTXE080-F
<b>Serial Num</b>	-	NA
<b>Type</b>	-	CEILING
<b>Configuration</b>	-	VERTICAL

### Test Data

	Design	Actual
<b>CFM</b>	75	78

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# National TAB

Project: 03-04-24 PENN STATION - SEYMOUR, IN

## System/Unit: FAN - Exhaust



Asset: KEF1

AREA:HOOD 1 GRILL

Unit Data		
	Design	Actual
MFG	CAPTIVEAIRE	ECON AIR
Model Num	DU85HFA	EADU85H
Serial Num	-	6291537
Type	UPBLAST	UPBLAST
Configuration	VERTICAL	VERTICAL

Motor Data		
	Design	Actual
Motor MFG	-	TELCO GREEN
Frame	-	NA
Horsepower	0.750	0.750
Motor Rpm	-	1800
Phase	1	1
Voltage (rated)	115	115
Amperage (rated)	-	8.9

Test Data		
	Design	Actual
CFM	1120	1108
Fan RPM	1215	NA
Fan Rotation	-	CCW
Motor RPM	-	NA
System SetPt	-	52%
RL Voltage	-	120.2
RL Amperage	-	3.29/3.16
Total ESP	1.150"	0.46"
Fan Inlet SP	-	-0.46"
Fan Discharge SP	-	ATM

Completed By: Jordan Best on 03/05/2024

# National TAB

Project: 03-04-24 PENN STATION - SEYMOUR, IN

System/Unit: FAN - Exhaust



Asset: KEF2

AREA:HOOD 2 OVEN

Unit Data		
	Design	Actual
MFG	CAPTIVEAIRE	ECON AIR
Model Num	DU33HFA	EADU33H
Serial Num	-	6291537
Type	UPBLAST	UPBLAST
Configuration	VERTICAL	VERTICAL

Motor Data		
	Design	Actual
Motor MFG	-	TELCO GREEN
Frame	-	NA
Horsepower	0.333	0.333
Motor Rpm	-	1800
Phase	1	1
Voltage (rated)	115	114
Amperage (rated)	-	4.3

Test Data		
	Design	Actual
CFM	600	542
Fan RPM	1360	NA
Fan Rotation	-	CCW
Motor RPM	-	NA
System SetPt	-	56%
RL Voltage	-	121.3
RL Amperage	-	1.22/1.17
Total ESP	0.600"	0.20"
Fan Inlet SP	-	-0.20"
Fan Discharge SP	-	ATM

Completed By: Jordan Best on 03/05/2024

# National TAB

Project: 03-04-24 PENN STATION - SEYMOUR, IN

System/Unit: FAN - Exhaust



Asset: KEF3

AREA:HOOD 3 FRY

Unit Data		
	Design	Actual
MFG	CAPTIVEAIRE	ECON AIR
Model Num	DU85HFA	EADU85H
Serial Num	-	6291537
Type	UPBLAST	UPBLAST
Configuration	VERTICAL	VERTICAL

Motor Data		
	Design	Actual
Motor MFG	-	TELCO GREEN
Frame	-	NA
Horsepower	0.750	0.750
Motor Rpm	-	1800
Phase	1	1
Voltage (rated)	115	115
Amperage (rated)	-	8.9

Test Data		
	Design	Actual
CFM	850	860
Fan RPM	1144	NA
Fan Rotation	-	CCW
Motor RPM	-	NA
System SetPt	-	54%
RL Voltage	-	122.7
RL Amperage	-	3.29/3.28
Total ESP	1.150"	0.69"
Fan Inlet SP	-	-0.69"
Fan Discharge SP	-	ATM

Completed By: Jordan Best on 03/05/2024

# National TAB

Project: 03-04-24 PENN STATION - SEYMOUR, IN



## System/Unit: FAN - Supply

Asset: MUA1

AREA:HOOD 1 & HOOD 3

Unit Data		
	Design	Actual
MFG	CAPTIVEAIRE	ECON AIR
Model Num	A1-D.250-15D	EA1-D.250-15D
Serial Num	-	6291537
Type	MUA	MUA
Configuration	VERTICAL	VERTICAL

Test Data		
	Design	Actual
CFM	1630	1635
SF RPM	1855	NA
Motor RPM	-	NA
SF System SetPt	-	44.7 HZ
RL Voltage	-	81
RL Amperage	-	2.5
Total ESP	-	0.28"
Fan Discharge SP	-	0.28"

Motor Data		
	Design	Actual
Motor MFG	-	TECO WESTINGHOUSE
Frame	-	145T
Horsepower	1.5	1.5
Motor Rpm	-	1740
Phase	3	3
Voltage (rated)	208	230
Amperage (rated)	-	4.03
Service Factor	-	1

General		
	Design	Actual
Fan Rotation Correct	-	

Gas Heat		
	Design	Actual
Heater Operates (y/n)	-	YES
Flame Status (pass/fail)	-	PASS
Inlet Air Temp SetPt	55	55
Discharge Air Temp SetPt	60	60
Air Flow Switch SP Actual	-	0.28"

Completed By: Jordan Best on 03/05/2024

Notes:  
Volts and Amps read from VFD

Written By: Jordan Best on 03/05/2024

# National TAB

Project:03-04-24 PENN STATION - SEYMOUR, IN

## FAN - Supply



### Diffuser Supply (GRD)

#### MUA1/HOOD 1 & HOOD 3

Asset									
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
HOOD1	HOOD 1	PSP	14"X72"	1000	7				-
HOOD3	HOOD 3	PSP	14"X50"	630	4.86				-
Total				1630		0	0	0	0%

# National TAB

Project: 03-04-24 PENN STATION - SEYMOUR, IN

## System/Unit: Kitchen Hood Type I



Asset: HD1

AREA:GRILL

Unit Data		
	Design	Actual
MFG	CAPTIVEAIRE	ECON AIR
Model Num	3650 ELPX-2 246 ACPSP ONLY	3650 ELPX-2
Job / Serial Num	-	6291537
Type	TYPE I CANOPY	TYPE I SOLO
Hood length	72"	72"
Hood Width	36"	36"
Supply Plenum Type	-	ACPSP
Supply Plenum Width	14"	14"
Supply Plenum Length	72"	72"

Test Data Supply		
	Design	Actual
Total AK Area	7	7
Kv factor (Vel)	0.89	0.89
Num of Readings	-	6
Reading1 FPM	-	164
Reading2 FPM	-	153
Reading3 FPM	-	148
Reading4 FPM	-	166
Reading5 FPM	-	144
Reading6 FPM	-	162
Ave FPM(corr)	-	156
CFM	1000	971

Test Data Exhaust		
	Design	Actual
Filter Type	CAPTRATE SOLO	CAPTRATE SOLO
Filter Size 1	16X16	16"X16"
Filter Qty 1	4	4
Filter AK factor size 1	1.62	1.62
Filter Total AK Area	6.48	6.48
Filter1 FPM	-	160
Filter2 FPM	-	192
Filter3 FPM	-	159
Filter4 FPM	-	175
Filter Ave FPM(corr)	-	171
CFM	1120	1108

Cooking Equipment		
	Design	Actual
Item 1	-	GRILL

Completed By: Jordan Best on 03/05/2024

# National TAB

Project: 03-04-24 PENN STATION - SEYMOUR, IN

## System/Unit: Kitchen Hood Type I



Asset: HD2

AREA:OVEN

### Unit Data

	Design	Actual
MFG	CAPTIVEAIRE	NA
Model Num	4412 PS-OVN	NA
Job / Serial Num	-	NA
Type	TYPE I CANOPY	TYPE II
Hood length	21.25"	44"
Hood Width	44"	21.25"

### Test Data Exhaust

	Design	Actual
Filter Type	SS BAFFLE	SS BAFFLE
Filter Size 1	10X20	20"X10"
Filter Qty 1	2	2
Filter AK factor size 1	1.2	1.2
Filter Total AK Area	2.4	2.4
Filter1 FPM	-	214
Filter2 FPM	-	238
Filter Ave FPM(corr)	-	226
CFM	600	542

### Cooking Equipment

	Design	Actual
Item 1	-	TOASTER

Completed By: Jordan Best on 03/05/2024

# National TAB

Project: 03-04-24 PENN STATION - SEYMOUR, IN

## System/Unit: Kitchen Hood Type I



Asset: HD3

AREA:FRY

Unit Data		
	Design	Actual
MFG	CAPTIVEAIRE	ECON AIR
Model Num	3650 ELPX-2 246 ACPSP ONLY	3650 ELPX-2
Job / Serial Num	-	6291537
Type	TYPE I CANOPY	TYPE I CANOPY
Hood length	50"	50"
Hood Width	36"	36"
Supply Plenum Type	-	ACPSP
Supply Plenum Width	14"	14"
Supply Plenum Length	50"	50"

Test Data Supply		
	Design	Actual
Total AK Area	4.86	4.86
Kv factor (Vel)	0.89	0.89
Num of Readings	-	4
Reading1 FPM	-	157
Reading2 FPM	-	154
Reading3 FPM	-	153
Reading4 FPM	-	149
Ave FPM(corr)	-	153
CFM	630	664

Test Data Exhaust		
	Design	Actual
Filter Type	CAPTRATE SOLO	CAPTRATE SOLO
Filter Size 1	16X16	16"X16"
Filter Qty 1	3	3
Filter AK factor size 1	1.62	1.62
Filter Total AK Area	4.86	4.86
Filter1 FPM	-	173
Filter2 FPM	-	184
Filter3 FPM	-	174
Filter Ave FPM(corr)	-	177
CFM	850	860

Cooking Equipment		
	Design	Actual
Item 1	-	FRYER

Completed By: Jordan Best on 03/05/2024