

**Report By:**

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

**NATIONAL**

**TAB**

Comfort. Under control.

**Report: Test, Adjust, & Balance**

**Date: 5/16/2022**

# **PROJECT**

**05-16 PENN STATION - LOUISVILLE, KY  
(BRECKENRIDGE LANE)**

3067 BRECKENRIDGE LANE

LOUISVILLE, KY

**Client**

4025 PORT UNION RD.

FAIRFIELD, OH 45014

# National TAB

Project: 05-16 PENN STATION - LOUISVILLE, KY (BRECKENRIDGE LANE)

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## 05-16 PENN STATION - LOUISVILLE, KY (BRECKENRIDGE LANE)

### CheckList Information

<b>Name :</b>	TECH - STEP 1: INITIAL WALKTHROUGH	<b>Status :</b>	NotSubmitted
<b>Assigned Organization :</b>	National TAB	<b>Asset :</b>	
<b>Requesting Organization :</b>	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.	Yes, plan review checks out
All diffusers and grilles are installed and match design?	Restroom diffusers are missing ceiling tiles, cardboard temporarily installed
All hood filters installed and accounted for?	yes
Hoods are wired and have power?	yes
Hood is free of alarms?	yes
Thermostats have power?	yes, CAS HMI panels have power
Have trades/general contractor been notified about any issues and are they created on FaciliBuild?	YES

**Notes/Comments :**



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## 05-16 PENN STATION - LOUISVILLE, KY (BRECKENRIDGE LANE)

### CheckList Information

<b>Name :</b>	TECH - STEP 2: UNIT DATA AND EVAL	<b>Status :</b>	NotSubmitted
<b>Assigned Organization :</b>	National TAB	<b>Asset :</b>	
<b>Requesting Organization :</b>	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?	CAS DOAS units are operating as they should
DCV Max damper opening position is set to minimum?	n/a
Free cooling enthalpy set point set for lowest setting (Typically "D")	n/a
Motors are all operating below the FLA rating?	yes
Are belts tight?	n/a
If direct drive unit is the speed controller working.	Yes
Is gas piping installed and valves turned on?	Yes
Unit free of noticeable noise and vibration	Yes

**EF's**

Rotation is correct?	RR efs not installed yet, MC is working on them
Belts are tight?	n/a
Grease cup installed on hood fan?	YES
Hinge kit installed installed on hood fan?	YES
Lean fan back. Is grease duct installation adequate and is duct ran all the way to the base of the fan?	YES

Flex conduit is long enough so that fan can be completely tilted back?	YES
There is no major leakage around base of fan?	YES, THERE IS NO LEAKAGE
Is the motor operating below the motor FLA rating?	YES
For restroom fan(s) is the back draft damper installed and can it fully open?	gravity damper is installed on side of building
Unit free of noticeable noise and vibration?	yes

**MUA**

Rotation is correct?	n/a
Gas piping is installed and valves are in on position?	n/a
Heater tested and is functional?	n/a
Internal motorized damper is fully opening?	n/a
Motor is operating below the FLA rating?	n/a
Unit free of noticeable noise and vibration?	n/a

**HOODS**

Kitchen equipment installed in proper places?	yes
Can kitchen equipment be turned on for final smoke test?	no, units have not been cleaned

**DOCUMENTATION**

Have trades/general contractor been notified about any issues and are they created on FaciliBuild?	yes
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**Notes/Comments :**

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### 05-16 PENN STATION - LOUISVILLE, KY (BRECKENRIDGE LANE)

#### CheckList Information

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

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

**Requesting Organization :** National TAB

#### CheckList Item Details

**TEST, ADJUST, AND BALANCE ALL EQUIPMENT:**

**DURING TESTING MAKE NOTE OF THE FOLLOWING:**

Is space free of drafting?	Yes
Is space comfortable in all areas?	Yes
Is the space free of ventilation noise?	Yes
If deviations from design were necessary to resolve 1-3 what were they? Otherwise put "NA".	N A

**Notes/Comments :**

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## 05-16 PENN STATION - LOUISVILLE, KY (BRECKENRIDGE LANE)

### CheckList Information

<b>Name :</b>	TECH - STEP 4: FINAL TESTS	<b>Status :</b>	NotSubmitted
<b>Assigned Organization :</b>	National TAB	<b>Asset :</b>	
<b>Requesting Organization :</b>	National TAB		

### CheckList Item Details

#### FINAL TESTS

#### HOOD CAPTURE TEST

List equipment turned on for testing	NONE, EQUIPMENT IS NOT CLEANED AND DOES NOT HAVE OIL
List smoke candle type used	45 SEC SMOKE
Smoke test capture - Perimeter of hood	100% FOR ALL HOODS
Smoke test capture - Top of cooking surface	100% FOR ALL HOODS

#### WITNESS

Date test was completed	
TAB tech name / Firm	TYLER/NTAB
Site super name / Firm	MECHANICAL CONTRACTOR// MITCH, PRUDENTIAL HVAC
Owner representative name / Firm (if Applicable)	N/A
Building pressure at front & back doors (All Systems On)	YES +0.0025" AVG

#### ADDITIONAL

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

Occupied 7:15AM-10:15PM: 68 Heat/72 Cool (NOTE: 3 degree MAX setback)	Yes
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Unoccupied 10:16PM-7:14AM: 65 Heat/75 Cool

Yes

**Notes/Comments :**



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### 05-16 PENN STATION - LOUISVILLE, KY (BRECKENRIDGE LANE)

#### CheckList Information

**Name :** TECH - STEP 5: FINAL DOCUMENTATION **Status :** NotSubmitted

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

**Requesting Organization :** National TAB

#### CheckList Item Details

##### FINAL DOCUMENTATION

Marked Data capture complete for all assets?	Yes
Picture file sent to processing team or uploaded?	Yes
Balance schedule complete and uploaded?	Yes
Prelim report generated and reviewed?	Yes

##### Notes/Comments :

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# National TAB

Project: 05-16 PENN STATION - LOUISVILLE, KY  
(BRECKENRIDGE LANE)

## System/Unit: FAN - Exhaust



Comfort. Under control.

Asset: EF1

AREA:WOMENS RR

Unit Data		
	Design	Actual
MFG	NA	BROAN
Model Num	NA	AE80-B
Serial Num	-	02M15H
Type	CEILING	CEILING
Configuration	-	HORIZONTAL

Test Data		
	Design	Actual
CFM	75	61
Fan RPM	-	
Fan Rotation	-	CORRECT
Motor RPM	-	
System SetPt	-	
RL Voltage	-	120.2
RL Amperage	-	0.28
Total ESP	-	
Fan Inlet SP	-	
Fan Discharge SP	-	

Motor Data		
	Design	Actual
Motor MFG	-	NA
Frame	-	NA
Horsepower	-	NA
Motor Rpm	-	NA
Phase	-	1
Voltage (rated)	-	120
Amperage (rated)	-	0.3
Service Factor	-	NA

Completed By: Tyler Youells

Notes:

Asset	Notes

# National TAB

Project: 05-16 PENN STATION - LOUISVILLE, KY  
(BRECKENRIDGE LANE)

## System/Unit: FAN - Exhaust



Comfort. Under control.

Asset: EF2

AREA:MENS RR

### Unit Data

	Design	Actual
MFG	NA	BROAN
Model Num	NA	AE110-B
Serial Num	-	12K05H
Type	CEILING	CEILING
Configuration	VERTICAL	VERTICAL

### Motor Data

	Design	Actual
Motor MFG	-	NL
Frame	-	NL
Horsepower	-	NL
Motor Rpm	-	NL
Phase	-	1
Voltage (rated)	-	120
Amperage (rated)	-	0.3
Service Factor	-	NL

### Test Data

	Design	Actual
CFM	150	69
Fan RPM	-	FULL SPEED
Fan Rotation	-	CORRECT
Motor RPM	-	NA
System SetPt	-	
RL Voltage	-	122.1
RL Amperage	-	0.29
Total ESP	-	NA
Fan Inlet SP	-	NA
Fan Discharge SP	-	NA

Completed By: Tyler Youells

Notes:

Asset	Notes
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# National TAB

Project: 05-16 PENN STATION - LOUISVILLE, KY  
(BRECKENRIDGE LANE)

## System/Unit: FAN - Exhaust



Comfort. Under control.

Asset: KEF1

AREA:HD1 GRILL

Unit Data		
	Design	Actual
MFG	CAPTIVEAIRE	CAPTIVEAIRE
Model Num	DU85HFA	DU85HFA
Serial Num	-	5234950
Type	UPBLAST	UPBLAST
Configuration	VERTICAL	VERTICAL

Motor Data		
	Design	Actual
Motor MFG	-	TELCO GREEN
Frame	-	NL
Horsepower	0.75	0.75
Motor Rpm	-	1800
Phase	1	1
Voltage (rated)	115	115
Amperage (rated)	-	8.9
Service Factor	-	1

Test Data		
	Design	Actual
CFM	1050	1063
Fan RPM	1199	864
Fan Rotation	-	CCW
Motor RPM	-	864
System SetPt	-	48%
RL Voltage	-	122.6
RL Amperage	-	2.48
Total ESP	1.15"	0.55"
Fan Inlet SP	-	-0.55"
Fan Discharge SP	-	ATM

Completed By: Tyler Youells

Notes:

Asset	Notes
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# National TAB

Project: 05-16 PENN STATION - LOUISVILLE, KY  
(BRECKENRIDGE LANE)

## System/Unit: FAN - Exhaust



Comfort. Under control.

Asset: KEF2

AREA:HD2 OVEN

Unit Data		
	Design	Actual
MFG	CAPTIVE AIRE	CAPTIVE AIRE
Model Num	DU33HFA	DU33HFA
Serial Num	-	5234950
Type	UPBLAST	UPBLAST
Configuration	VERTICAL	VERTICAL

Motor Data		
	Design	Actual
Motor MFG	-	TELCO GREEN
Frame	-	NL
Horsepower	0.333	0.33
Motor Rpm	-	1800
Phase	1	1
Voltage (rated)	115	115
Amperage (rated)	-	4.3
Service Factor	-	1

Test Data		
	Design	Actual
CFM	600	602
Fan RPM	1296	1404
Fan Rotation	-	CCW
Motor RPM	-	1404
System SetPt	-	78%
RL Voltage	-	121.9
RL Amperage	-	3.06
Total ESP	0.6"	1.22"
Fan Inlet SP	-	-1.22"
Fan Discharge SP	-	ATM

Completed By: Tyler Youells

Notes:

Asset	Notes
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# National TAB

Project: 05-16 PENN STATION - LOUISVILLE, KY  
(BRECKENRIDGE LANE)

## System/Unit: FAN - Exhaust



Comfort. Under control.

Asset: KEF3

AREA:HD3 FRYER

Unit Data		
	Design	Actual
MFG	CAPTIVEAIRE	CAPTIVEAIRE
Model Num	DU85HFA	DU85HFA
Serial Num	-	5234950
Type	UPBLAST	UPBLAST
Configuration	VERTICAL	VERTICAL

Motor Data		
	Design	Actual
Motor MFG	-	TELCO GREEN
Frame	-	NL
Horsepower	0.75	0.75
Motor Rpm	-	1800
Phase	1	1
Voltage (rated)	115	115
Amperage (rated)	-	8.9
Service Factor	-	1

Test Data		
	Design	Actual
CFM	800	787
Fan RPM	1210	936
Fan Rotation	-	CCW
Motor RPM	-	936
System SetPt	-	52%
RL Voltage	-	123.3
RL Amperage	-	2.77
Total ESP	1.2"	0.76"
Fan Inlet SP	-	-0.76"
Fan Discharge SP	-	ATM

Completed By: Tyler Youells

Notes:

Asset	Notes
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# National TAB

Project: 05-16 PENN STATION - LOUISVILLE, KY  
(BRECKENRIDGE LANE)

## System/Unit: AHU/RTU



Comfort. Under control.

Asset: DOAS1

AREA:KITCHEN

Unit Data		
	Design	Actual
MFG	CAPTIVEAIRE	CAPTIVEAIRE
Serial Num	-	5325193
Model Num	CARTU1-I.200-15-7.5T-DOAS	CARTU1-I.200-15-7.5T-DOAS
Type	-	DOAS
Configuration	-	VERTICAL
Num OA Filters 1	-	2
OA Filter Size 1	-	16X20X2
Num Final Filter 1	-	8
Final Filter Size 1	-	16X16X2
Num Final Filter 2	-	
Final Filter Size 2	-	

Test Data		
	Design	Actual
SF CFM	2000	2019
SF RPM	-	1566
RA CFM	525	530
OA CFM	1475	1489
RL Voltage	-	171 AVG
RL Amperage	-	4.1 AVG
SF Rotation	-	CCW
RA Damper Position	-	MECHANICAL LINKAGE
Min OA Damper Position	-	6.7V
Min OA Damper Type	-	ECONOMIZER
OA Enthalpy Setpt	-	
Brake Horse Power	-	

Motor Data		
	Design	Actual
Motor MFG	-	TECO
Frame	-	145T
Horsepower	2	2
Motor Rpm	-	1740
Phase	3	3
Rated Voltage	208	230
Rated Amperage	-	5.48

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.19"
Fan Suction SP	-	-0.96"
Fan Discharge SP	-	0.37"
Total ESP	0.7"	0.56"
Fan Total SP	-	1.33"

Drive Data		
	Design	Actual
Motor Sheave Size	-	
Motor Bore Size	-	
Motor Sheave SetPt	-	
Fan Sheave Size	-	
Fan Sheave Bore	-	
Belt CL Distance	-	
Num of Belts	-	
Belt Size	-	
Belt Alignment	-	

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

Completed By: Tyler Youells

Notes:MOTOR SPEED SETPOINT 55HZ

# National TAB

Project:05-16 PENN STATION - LOUISVILLE, KY  
(BRECKENRIDGE LANE)

## AHU/RTU



Comfort. Under control.

### Diffuser Supply (GRD)

#### DOAS1/KITCHEN

Asset	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)
SGRD1	PREP AREA		8"	200	1	323	244
	<b>FINAL CFM</b>	<b>% to design</b>					
	187	93.5					
SGRD2	PREP AREA		8"	200	1	304	224
	<b>FINAL CFM</b>	<b>% to design</b>					
	196	98.0					
SGRD3	PREP AREA		8"	200	1	256	178
	<b>FINAL CFM</b>	<b>% to design</b>					
	200	100.0					
SGRD4	COOKLINE		10"	250	1	151	258
	<b>FINAL CFM</b>	<b>% to design</b>					
	247	98.8					
SGRD5	SERVING		10"	300	1	255	369
	<b>FINAL CFM</b>	<b>% to design</b>					
	323	107.7					
SGRD6	SERVING		10"	300	1	253	376
	<b>FINAL CFM</b>	<b>% to design</b>					
	311	103.7					
SGRD7	SERVING		10"	300	1	241	359
	<b>FINAL CFM</b>	<b>% to design</b>					
	284	94.7					
SGRD8	COOKLINE		10"	250	1	113	167
	<b>FINAL CFM</b>	<b>% to design</b>					
	271	108.4					

Completed By: Brianna Biggs on

Asset	Notes
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# National TAB

Project: 05-16 PENN STATION - LOUISVILLE, KY  
(BRECKENRIDGE LANE)

System/Unit: AHU/RTU



Comfort. Under control.

Asset: DOAS2

AREA:DINING

Unit Data		
	Design	Actual
MFG	CAPTIVEAIRE	CAPTIVEAIRE
Serial Num	-	5325193
Model Num	CARTU1-I.200-15-7.5T-DOAS	CARTU1-I.200-15-7.5T-DOAS
Type	-	DOAS
Configuration	-	VERTICAL
Num OA Filters 1	-	2
OA Filter Size 1	-	16X20X2
Num Final Filter 1	-	8
Final Filter Size 1	-	16X16X2
Num Final Filter 2	-	
Final Filter Size 2	-	

Test Data		
	Design	Actual
SF CFM	2200	2191
SF RPM	-	1740
RA CFM	925	926
OA CFM	1275	1265
RL Voltage	-	201 AVG
RL Amperage	-	5.3AVG
SF Rotation	-	CCW
RA Damper Position	-	MECHANICAL LINKAGE
Min OA Damper Position	-	5.6V
Min OA Damper Type	-	ECONOMIZER
OA Enthalpy Setpt	-	N/A
Brake Horse Power	-	N

Motor Data		
	Design	Actual
Motor MFG	-	TECO
Frame	-	145T
Horsepower	2	TECO
Motor Rpm	-	1740
Phase	3	3
Rated Voltage	208	230
Rated Amperage	-	5.48

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.25"
Fan Suction SP	-	-1.25"
Fan Discharge SP	-	0.32"
Total ESP	0.7"	0.57"
Fan Total SP	-	1.57"

Drive Data		
	Design	Actual
Motor Sheave Size	-	
Motor Bore Size	-	
Motor Sheave SetPt	-	
Fan Sheave Size	-	
Fan Sheave Bore	-	
Belt CL Distance	-	
Num of Belts	-	
Belt Size	-	
Belt Alignment	-	

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

Completed By: Tyler Youells

Notes:SF SETPOINT: 60HZ

# National TAB

Project:05-16 PENN STATION - LOUISVILLE, KY  
(BRECKENRIDGE LANE)

AHU/RTU



Comfort. Under control.

Diffuser Supply (GRD)

**DOAS2/DINING**

Asset							
SGRD1	<b>Location</b>	<b>Type</b>	<b>Size</b>	<b>DESIGN CFM</b>	<b>AK</b>	<b>CFM(1)</b>	<b>CFM(2)</b>
	ENTRY	10"	10"	300	1	220	282
	<b>FINAL CFM</b>	<b>% to design</b>					
	284	94.7					
SGRD2	<b>Location</b>	<b>Type</b>	<b>Size</b>	<b>DESIGN CFM</b>	<b>AK</b>	<b>CFM(1)</b>	<b>CFM(2)</b>
	ENTRY	12"	12"	300	1	149	244
	<b>FINAL CFM</b>	<b>% to design</b>					
	276	92.0					
SGRD3	<b>Location</b>	<b>Type</b>	<b>Size</b>	<b>DESIGN CFM</b>	<b>AK</b>	<b>CFM(1)</b>	<b>CFM(2)</b>
	DINING	10"	10"	200	1	195	225
	<b>FINAL CFM</b>	<b>% to design</b>					
	207	103.5					
SGRD4	<b>Location</b>	<b>Type</b>	<b>Size</b>	<b>DESIGN CFM</b>	<b>AK</b>	<b>CFM(1)</b>	<b>CFM(2)</b>
	DINING	10"	10"	250	1	177	229
	<b>FINAL CFM</b>	<b>% to design</b>					
	247	98.8					
SGRD5	<b>Location</b>	<b>Type</b>	<b>Size</b>	<b>DESIGN CFM</b>	<b>AK</b>	<b>CFM(1)</b>	<b>CFM(2)</b>
	DINING	10"	10"	200	1	160	198
	<b>FINAL CFM</b>	<b>% to design</b>					
	214	107.0					
SGRD6	<b>Location</b>	<b>Type</b>	<b>Size</b>	<b>DESIGN CFM</b>	<b>AK</b>	<b>CFM(1)</b>	<b>CFM(2)</b>
	DINING	10"	10"	200	1	196	250
	<b>FINAL CFM</b>	<b>% to design</b>					
	198	99.0					
SGRD7	<b>Location</b>	<b>Type</b>	<b>Size</b>	<b>DESIGN CFM</b>	<b>AK</b>	<b>CFM(1)</b>	<b>CFM(2)</b>
	DINING	1	10"	250	1	197	247
	<b>FINAL CFM</b>	<b>% to design</b>					
	270	108.0					
SGRD8	<b>Location</b>	<b>Type</b>	<b>Size</b>	<b>DESIGN CFM</b>	<b>AK</b>	<b>CFM(1)</b>	<b>CFM(2)</b>
	DINING	10"	10"	200	1	187	226
	<b>FINAL CFM</b>	<b>% to design</b>					
	193	96.5					
SGRD9	<b>Location</b>	<b>Type</b>	<b>Size</b>	<b>DESIGN CFM</b>	<b>AK</b>	<b>CFM(1)</b>	<b>CFM(2)</b>
	WOMENS RR	6"	6"	70	1	93	88
	<b>FINAL CFM</b>	<b>% to design</b>					
	74	105.7					
SGRD10	<b>Location</b>	<b>Type</b>	<b>Size</b>	<b>DESIGN CFM</b>	<b>AK</b>	<b>CFM(1)</b>	<b>CFM(2)</b>
	MENS RR	8"	8"	130	1	176	184
	<b>FINAL CFM</b>	<b>% to design</b>					
	123	94.6					
SGRD11	<b>Location</b>	<b>Type</b>	<b>Size</b>	<b>DESIGN CFM</b>	<b>AK</b>	<b>CFM(1)</b>	<b>CFM(2)</b>
	HALL	8"	8"	100	1	180	122
	<b>FINAL CFM</b>	<b>% to design</b>					
	105	105.0					

Completed By: Brianna Biggs on

Asset	Notes
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# National TAB

Project: 05-16 PENN STATION - LOUISVILLE, KY  
(BRECKENRIDGE LANE)

## System/Unit: Kitchen Hood Type I



Comfort. Under control.

Asset: HD1

AREA:GRILL

Unit Data		
	Design	Actual
MFG	CAPTIVE AIRE	CAPTIVE AIRE
Model Num	3650 BD-2	3650 BD-2
Job / Serial Num	-	5234950
Type	TYPE I LOW PROXIMITY	TYPE I LOW PROXIMITY
Hood length	72"	72"
Hood Width	36"	36"

Performance Data		
	Design	Actual
Smoke Generation Type	-	45 SEC SMOKE
Hood Capture %	-	100%
End Panels Installed (Y/N)	-	CORNER PANELS

General		
	Design	Actual
Third Party Witness	-	MITCH
Third Party Company	-	PRUDENTIAL HVAC
Tech Witness	-	TYLER/NTAB

Test Data Exhaust		
	Design	Actual
Filter Type	CAPTRATE SOLO	CAPTRATE SOLO
Filter Size 1	16X16	16X16
Filter Size 2	-	
Filter Qty 1	4	4
Filter Qty 2	-	
Filter AK factor size 1	1.62	1.62
Filters AK factor size 2	-	
Filter Total AK Area	6.48	6.48
Filter1 FPM	-	162
Filter2 FPM	-	163
Filter3 FPM	-	178
Filter4 FPM	-	154
Filter5 FPM	-	
Filter6 FPM	-	
Filter7 FPM	-	
Filter8 FPM	-	
Filter9 FPM	-	
Filter10 FPM	-	
Filter11 FPM	-	
Filter12 FPM	-	
Filter Ave FPM(corr)	-	164
CFM	-	1063

Cooking Equipment		
	Design	Actual
Item 1	-	GRIDDLE
Item 2	-	

Completed By: Tyler Youells

Notes:

Asset	Notes

# National TAB

Project: 05-16 PENN STATION - LOUISVILLE, KY  
(BRECKENRIDGE LANE)

## System/Unit: Kitchen Hood Type I



Comfort. Under control.

Asset: HD2

AREA:OVEN

Unit Data		
	Design	Actual
MFG	NA	CAPTIVE AIRE
Model Num	4412 PS-OVN	4412 PS-OVN
Job / Serial Num	-	5234950
Type	TYPE I LOW PROXIMITY	TYPE I LOW PROXIMITY
Hood length	21.25"	21.25"
Hood Width	44"	44"

Performance Data		
	Design	Actual
Smoke Generation Type	-	45 SEC SMOKE
Hood Capture %	-	100%
End Panels Installed (Y/N)	-	N/A

General		
	Design	Actual
Third Party Witness	-	MITCH
Third Party Company	-	PRUDENTIAL HVAC
Tech Witness	-	TYLER/NTAB

Test Data Exhaust		
	Design	Actual
Filter Type	BAFFLE	BAFFLE
Filter Size 1	10X20	10X20
Filter Size 2	-	
Filter Qty 1	2	2
Filter Qty 2	-	
Filter AK factor size 1	-	1.2
Filters AK factor size 2	-	
Filter Total AK Area	-	2.4
Filter1 FPM	-	248
Filter2 FPM	-	254
Filter3 FPM	-	
Filter4 FPM	-	
Filter5 FPM	-	
Filter6 FPM	-	
Filter7 FPM	-	
Filter8 FPM	-	
Filter9 FPM	-	
Filter10 FPM	-	
Filter11 FPM	-	
Filter12 FPM	-	
Filter Ave FPM(corr)	-	251
CFM	-	602

Cooking Equipment		
	Design	Actual
Item 1	-	OVEN
Item 2	-	

Completed By: Tyler Youells

Notes:

Asset	Notes

# National TAB

Project: 05-16 PENN STATION - LOUISVILLE, KY  
(BRECKENRIDGE LANE)

## System/Unit: Kitchen Hood Type I



Comfort. Under control.

Asset: HD3

AREA:FRYER

Unit Data		
	Design	Actual
MFG	CAPTIVE AIRE	CAPTIVE AIRE
Model Num	3650 BD-2	3650 BD-2
Job / Serial Num	-	5234950
Type	TYPE I LOW PROXIMITY	TYPE I LOW PROXIMITY
Hood length	50"	50"
Hood Width	36"	36"

Performance Data		
	Design	Actual
Smoke Generation Type	-	45 SEC SMOKE
Hood Capture %	-	100%
End Panels Installed (Y/N)	-	CORNER LEFT/ FULL RIGHT

General		
	Design	Actual
Third Party Witness	-	MITCH
Third Party Company	-	PRUDENTIAL
Tech Witness	-	TYLER/NTAB

Test Data Exhaust		
	Design	Actual
Filter Type	CAPTRATE SOLO	CAPTRATE SOLO
Filter Size 1	16X16	16X16
Filter Size 2	-	
Filter Qty 1	3	3
Filter Qty 2	-	
Filter AK factor size 1	1.62	1.62
Filters AK factor size 2	-	
Filter Total AK Area	4.86	4.86
Filter1 FPM	-	162
Filter2 FPM	-	164
Filter3 FPM	-	162
Filter4 FPM	-	
Filter5 FPM	-	
Filter6 FPM	-	
Filter7 FPM	-	
Filter8 FPM	-	
Filter9 FPM	-	
Filter10 FPM	-	
Filter11 FPM	-	
Filter12 FPM	-	
Filter Ave FPM(corr)	-	162
CFM	-	787

Cooking Equipment		
	Design	Actual
Item 1	-	FRYERS
Item 2	-	FRY DUMP

Completed By: Tyler Youells

Notes:

Asset	Notes