Report By:

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

Report: TAB Report

Function: Test, Adjust, & Balance

Date: 10/23/2024

Completed By: National TAB

PROJECT

10-21-24 CHIPOTLE #5173 NAVARRE, FL

8333 MIKAJACK AVE

NAVARRE, FL 32566

Client

Chipotle Mexican Grill

610 Newport Center Drive, Suite 1100

Newport Beach, CA 92660

National TAB

Project: 10-21-24 CHIPOTLE #5173 NAVARRE, FL

Table Of Contents

Project Summary

The summary below provides a quick understanding of our scope of work and general testing procedures. Enclosed in the report is further detail about your building performance including recommendations, asset data, and pictures. Our focus is to work with the trades to remedy any issues or deficiencies during the actual field balancing and not after the balancing has occurred to achieve a positive environment and outcome. The level of success is determined by the availability of the trades, possible parts needed, or time constraints.

RTU's (Roof Top Units) w/ Diffusers
Each of the RTU's were measured at their terminal devices or via traverse to establish a total flow for that unit. Each RTU was adjusted to within tolerance of the engineer's design flow. Each outlet was then adjusted to within tolerance of the design flow. Outside air was measured by reading the intake air opening with a velocity grid and multiplying by the free area. The outside air damper was adjusted until the airflow was within the design requirements. Any equipment that fell outside of that tolerance is noted throughout the report.

Kitchen Exhaust Hood & Associated Fans
Each kitchen exhaust fan was measured at the hood filter bay utilizing a velocity matrix and a manufacturer's correction factor. Each filter velocity is multiplied by the manufacturer's corrected area. The sum of these readings equals the total flow of the exhaust fans. The total flow of the exhaust was then adjusted to within tolerance of the design flow. . Any EF's that fell outside of this tolerance is noted throughout the report.

MUA (Make Up Air Unit) w/ PSP
Total flow for the MAU (Make-up Air Unit) unit was measured by readings taken at the discharge of the hood's perforated supply plenum. Readings taken with a velocity matrix were averaged and multiplied by a manufacturer's corrected area. Adjustments to the fan speed were made in order to bring the unit to within design tolerance. Any MUA's that fell outside of this tolerance is noted throughout the report.

General Exhaust Fans w/ Grilles
The general exhaust fans were measured by reading each air device with a flow hood. The total airflow for each fan is equivalent to the sum of these readings. Fan speed was then adjusted so that the airflow was within tolerance of design. Each terminal device was balanced to within tolerance of the design volume using the installed volume dampers. Any equipment that fell outside of this tolerance is noted throughout the report.

Final Building Tests
After completing the test and balance the final building pressure was measured. It was confirmed that the building pressure fell within acceptable tolerances of -0.02" wc to +0.02" wc and that the pressure measurement coincides with the actual and design net airflow. Any deviations from these standards are noted throughout the report.
The hood capture was tested at the perimeter of the hood and the cook top level with the equipment heat on to ensure satisfactory hood capture and containment.

NATIONAL TAB

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	KITCHEN	3500	3510	3000	2974	500	536	14.3%	15.3%						
RTU-2	DINING	4600	4577	3600	3593	1000	984	21.7%	21.5%						
MUA-1	KITCHEN HOOD									1300	0				
EF-1	KITCHEN HOOD											2550	2595		
EF-2	RESTROOM													150	155
TOTALS		8100	8087	6600	6567	1500	1520			1300	0	2550	2595	150	155

NET BUILDING AIRFLOW CALCULATION

TOTALS	DESIGN	ACTUAL
TOTAL OA	2800	1520
TOTAL EXHAUST	2700	2750
NET AIRFLOW	100	-1230

DOOR TESTED	BUILDING PRESSURE MEASUREMENTS (IN. H20)
FRONT	-0.072
SIDE	-
REAR	-0.068
AVERAGE	**-0.07**

FINAL CHECKS

ACTUAL NET AIRFLOW COINCIDES WITH DESIGN:	✗
MEASURED PRESSURES COINCIDES WITH ACTUAL NET AIRFLOW:	✓
PRESSURE FALLS WITHIN IMC TOLERANCE OF +/-0.02" W.C.	✗

NOTES:

MUA Not Functional - Interlock Alarm

Issue List

- Diffuser 2-8 High Flow
- Gas Valves Closed
- Hood Alarm - MUA Interlock 1
- MUA Door Obstruction
- RTUs - Construction Filters

10-21-24 CHIPOTLE #5173 NAVARRE, FL

Project Issue Information

Issue Name :	Diffuser 2-8 High Flow		
Description :	Supply diffuser 2-8 (women's restroom) is outputting 62 CFM (124% design). Airflow cannot be lowered further as the face damper is fully closed. Recommend monitoring for pressure / odor issues in the space.		
Created By :	National TAB	**Assigned To :**	National TAB - Will Turnbough
Status :	Open		
Priority :	Low	**Asset Tag :**	RTU 2-SGRD8
Originated Date :	10/23/2024 - Mark Johnson - National TAB		

10-21-24 CHIPOTLE #5173 NAVARRE, FL

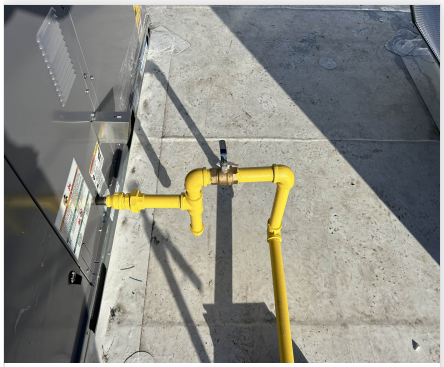
Project Issue Information

Issue Name : Gas Valves Closed

Description : All rooftop gas valves are currently closed.

Created By :	National TAB	**Assigned To :**	National TAB - Will Turnbough
Status :	Open		
Priority :	InfoOnly	**Asset Tag :**	RTU 1
Originated Date :	10/23/2024 - Mark Johnson - National TAB		

Project Issue File Details



10/23/2024

10-21-24 CHIPOTLE #5173 NAVARRE, FL

Project Issue Information

Issue Name : Hood Alarm - MUA Interlock 1

Description : Hood exhaust fan and MUA will not run consistently due to the hood alarm “MUA Interlock 1.” Hood powers down approximately 30 seconds after turning on. Cannot balance hood exhaust or MUA until resolved.

Created By :	National TAB	**Assigned To :**	National TAB - Will Turnbough
Status :	Open		
Priority :	Urgent	**Asset Tag :**	HD1
Originated Date :	10/22/2024 - Mark Johnson - National TAB		

Project Issue File Details

10/22/2024

Project Issue Response Details

- **10/23/2024 National TAB - Mark Johnson**
  - Alarm is still present, but hood exhaust now runs consistently and was successfully balanced. MUA unit remains not functional.

10-21-24 CHIPOTLE #5173 NAVARRE, FL

Project Issue Information

Issue Name : MUA Door Obstruction

Description : The door to the MUA control panel cannot open fully due to location of gas piping. Access to MUA HMI is restricted.

Created By :	National TAB	**Assigned To :**	National TAB - Will Turnbough
Status :	Open		
Priority :	Low	**Asset Tag :**	MUA 1
Originated Date :	10/22/2024 - Mark Johnson - National TAB		

Project Issue File Details

10/22/2024

10-21-24 CHIPOTLE #5173 NAVARRE, FL

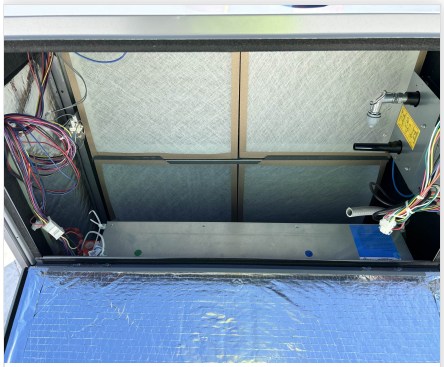
Project Issue Information

Issue Name : RTUs - Construction Filters

Description : Both RTUs have temporary construction filters installed. Recommend installing required final filters.

Created By :	National TAB	**Assigned To :**	National TAB - Will Turnbough
Status :	Open		
Priority :	Low	**Asset Tag :**	RTU 1
Originated Date :	10/22/2024 - Mark Johnson - National TAB		

Project Issue File Details



10/22/2024

CheckList List

- CHIPOTLE – 00: SITE PICTURES
- CHIPOTLE – 01: RTU’S/AHU’S
- CHIPOTLE – 02: EF’S
- CHIPOTLE – 03: MUA
- CHIPOTLE – 04: HOODS
- CHIPOTLE – 05: FINAL TESTS

10-21-24 CHIPOTLE #5173 NAVARRE, FL

CheckList Information

Name :	CHIPOTLE – 00: SITE PICTURES	**Status :**	Completed
Assigned Organization :	National TAB	**Asset :**	
Requesting Organization :	National TAB		
Created Date :	10/21/2024 - Laura Robinson - National TAB		
Completed Date :	10/22/2024 - Mark Johnson - National TAB		

CheckList Item Details

STORE FRONT

Comment:

10/22/2024

RTU-1

Comment:

10/22/2024

RTU-2

Comment:

10/22/2024

MUA

Comment:

10/22/2024

EF-1

Comment:

10/22/2024

EF-2

Comment:

10/22/2024

HOOD-1

Comment:

10/22/2024

10-21-24 CHIPOTLE #5173 NAVARRE, FL

CheckList Information

Name :	CHIPOTLE – 01: RTU'S/AHU'S	**Status :**	Completed
Assigned Organization :	National TAB	**Asset :**	
Requesting Organization :	National TAB		
Created Date :	10/21/2024 - Laura Robinson - National TAB		
Completed Date :	10/22/2024 - Mark Johnson - National TAB		

CheckList Item Details

RTU's/AHU's

Thermostats installed and have power?	Yes
Comment:	
All diffusers and grilles are installed and match design?	Yes
Comment:	
Deflector plates are removed from 1x1 diffusers on the serve line (double check that this is specified on the diffuser schedule first)	Yes
Comment:	
Economizer blank plate is installed below the ouside air intake (Trane only) (N/A = not applicable)	N/A
Comment:	
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: ES5	
Motors are all operating below the FLA rating?	Yes
Comment:	
Are belts tight?	N/A
Comment: Direct Drive	
If direct drive unit is the speed controller working?	Yes
Comment:	
Is gas piping installed and valves turned on?	No
Comment: Installed, valves off	
Unit free of noticeable noise and vibration	Yes
Comment:	
Final outside air damper position is marked with permanent marker?	Yes
Comment:	

10-21-24 CHIPOTLE #5173 NAVARRE, FL

CheckList Information

Name :	CHIPOTLE – 02: EF'S	**Status :**	Completed
Assigned Organization :	National TAB	**Asset :**	
Requesting Organization :	National TAB		
Created Date :	10/21/2024 - Laura Robinson - National TAB		
Completed Date :	10/22/2024 - Mark Johnson - National TAB		

CheckList Item Details

EF's

Rotation is correct?	Yes
Comment:	
Belts are tight?	N/A
Comment: Direct Drive	
Viroguard installed on hood fan(s)?	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:	

10-21-24 CHIPOTLE #5173 NAVARRE, FL

CheckList Information

Name :	CHIPOTLE – 03: MUA	**Status :**	Not Completed
Assigned Organization :	National TAB	**Asset :**	
Requesting Organization :	National TAB		
Created Date :	10/21/2024 - Laura Robinson - National TAB		

CheckList Item Details

MUA

Rotation is correct?	N/A
Comment: CANNOT VERIFY - UNIT NOT FUNCTIONAL	
Gas piping is installed and valves are in on position?	No
Comment: Installed, valves closed	
Internal motorized damper is fully opening?	No
Comment:	
Motor is operating below the FLA rating?	N/A
Comment: CANNOT VERIFY - UNIT NOT FUNCTIONAL	
Unit free of noticeable noise and vibration?	N/A
Comment:	

10-21-24 CHIPOTLE #5173 NAVARRE, FL

CheckList Information

Name :	CHIPOTLE – 04: HOODS	**Status :**	Completed
Assigned Organization :	National TAB	**Asset :**	
Requesting Organization :	National TAB		
Created Date :	10/21/2024 - Laura Robinson - National TAB		
Completed Date :	10/23/2024 - Mark Johnson - National TAB		

CheckList Item Details

HOODS

All hood filters installed and accounted for?	Yes
Comment:	
Hoods are wired and have power?	Yes
Comment:	
Hood is free of alarms?	No
Comment: MUA INTERLOCK 1	
Hood is free of damage?	Yes
Comment:	
Quarter or full vertical end panels are installed if specified?	Yes
Comment:	

10-21-24 CHIPOTLE #5173 NAVARRE, FL

CheckList Information

Name :	CHIPOTLE – 05: FINAL TESTS	**Status :**	Completed
Assigned Organization :	National TAB	**Asset :**	
Requesting Organization :	National TAB		
Created Date :	10/21/2024 - Laura Robinson - National TAB		
Completed Date :	10/23/2024 - Mark Johnson - National TAB		

CheckList Item Details

FINAL CHECKS

Is space free of drafting?	Yes
Comment:	
Is space comfortable in all areas?	Yes
Comment:	
Is the space free of ventilation noise?	Yes
Comment:	
List kitchen equipment turned on for testing	
Comment:	
None	
List smoke candle type used	
Comment:	
45 sec. smoke candle	

HOOD CAPTURE TEST

Smoke test capture % - Perimeter of hood

Comment:

95% - some leakage from left and right edges

Smoke test capture % - Top of cooking surface

Comment:

100%

WITNESS

Date test was completed	10/22/2024

Comment:

TAB tech name / Firm

Comment:

Mark Johnson / NTi

Site super name / Firm

Comment:

Owner representative name / Firm (if Applicable)

Comment:

BUILDING PRESSURE

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

Comment:

Negative net airflow and pressure due to MUA not functioning.

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Project: 10-21-24 CHIPOTLE #5173 NAVARRE, FL

System/Unit: AHU/RTU

Asset: RTU 1 AREA:

Unit Data		
	Design	**Actual**
MFG	CARRIER	CARRIER
Serial Num	-	0524P63197
Model Num	48FC_M11	48FCFN12D3M5A6W4F0
Type	RTU	RTU
Configuration	VERTICAL	VERTICAL
Num OA Filters 1	-	1
OA Filter Size 1	-	35x19
Num Final Filter 1	-	4
Final Filter Size 1	-	20x20x2

Motor Data		
	Design	**Actual**
Phase	3	3
Rated Voltage	208	208/230
Rated Amperage	-	12.6

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

Test Data		
	Design	**Actual**
SF CFM	3500	3510
SF RPM	-	1676
RA CFM	3000	2974
OA CFM	500	536
RL Voltage	-	213/214/212
RL Amperage	-	4.3/4.7/4.7
SF Rotation	-	CCW
SF System SetPt	-	B30
RA Damper Position	-	6.45 V
Min OA Damper Position	-	3.55 V
Min OA Damper Type	-	ECONOMIZER
OA Enthalpy Setpt	-	ES5

Performance Data		
	Design	**Actual**
MA Plenum SP	-	-0.71”
Fan Suction SP	-	-1.18”
Fan Discharge SP	-	0.51”
Total ESP	0.80	1.22”
Fan Total SP	-	1.69”

General	
	Actual
Fan Rotation Correct	YES
Unit Filters Clean	CONSTRUCTION FILTERS
Condensate Drain Installed	YES

Completed By: Mark Johnson on 10/22/2024

National TAB

Project:10-21-24 CHIPOTLE #5173 NAVARRE, FL

AHU/RTU

Diffuser Supply (GRD)

RTU 1/

Asset									
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**AK**	**CFM(1)**	**CFM(2)**	**FINAL CFM**	**% to design**
RTU 1-SGRD1	KITCHEN	CD1	12	425	1	534	462	420	98.8
RTU 1-SGRD2	KITCHEN	CD1	12	425	1	533	478	422	99.3
RTU 1-SGRD3	KITCHEN	CD2	8	250	1	225	192	242	96.8
RTU 1-SGRD4	KITCHEN	CD2	8	250	1	282	244	249	99.6
RTU 1-SGRD5	KITCHEN	CD2	8	250	1	237	205	251	100.4
RTU 1-SGRD6	KITCHEN	CD2	8	250	1	188	171	228	91.2
RTU 1-SGRD7	KITCHEN	CD1	12	400	1	547	475	396	99.0
RTU 1-SGRD8	KITCHEN	CD1	12	400	1	517	454	408	102.0
RTU 1-SGRD9	OFFICE	CD1	8"	150	1	119	98	149	99.3
RTU 1-SGRD10	KITCHEN	ACPSP	165"x6"	700	5.363	1148	1051	745	106.4
Total				3500		4330	3830	3510	100.29%

National TAB

Project: 10-21-24 CHIPOTLE #5173 NAVARRE, FL

System/Unit: AHU/RTU

Asset: RTU 2 AREA:

Unit Data		
	Design	**Actual**
MFG	CARRIER	CARRIER
Serial Num	-	0924P66253
Model Num	48GC_M14	48FCFN14D3M5A6W4F0
Type	RTU	RTU
Configuration	VERTICA	VERTICAL
Num OA Filters 1	-	1
OA Filter Size 1	-	35x19
Num Final Filter 1	-	4
Final Filter Size 1	-	20x20x2

Motor Data		
	Design	**Actual**
Phase	3	3
Rated Voltage	208	208/230
Rated Amperage	-	12.6

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

Test Data		
	Design	**Actual**
SF CFM	4600	4577
SF RPM	-	1758
RA CFM	3600	3593
OA CFM	1000	984
RL Voltage	-	213/215/213
RL Amperage	-	6.6/7.0/7.1
SF Rotation	-	CCW
SF System SetPt	-	C5
RA Damper Position	-	5.2 V
Min OA Damper Position	-	4.8 V
Min OA Damper Type	-	ECONOMIZER
OA Enthalpy Setpt	-	ES5

Performance Data		
	Design	**Actual**
MA Plenum SP	-	-0.90”
Fan Suction SP	-	-1.52”
Fan Discharge SP	-	0.42”
Total ESP	0.80	1.32”
Fan Total SP	-	1.94”

General	
	Actual
Fan Rotation Correct	YES
Unit Filters Clean	CONSTRUCTION FILTERS
Condensate Drain Installed	YES

Completed By: Mark Johnson on 10/22/2024

National TAB

Project:10-21-24 CHIPOTLE #5173 NAVARRE, FL

AHU/RTU

Diffuser Supply (GRD)

RTU 2/

Asset									
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**AK**	**CFM(1)**	**CFM(2)**	**FINAL CFM**	**% to design**
RTU 2-SGRD1	DINING	SR2	18/6	450	1	747	648	447	99.3
RTU 2-SGRD2	DINING	SR2	18/6	500	1	600	518	511	102.2
RTU 2-SGRD3	DINING	SR1	14	850	1	833	748	787	92.6
RTU 2-SGRD4	DINING	SR1	14	800	1	866	807	786	98.3
RTU 2-SGRD5	DINING	SR1	14	700	1	779	735	716	102.3
RTU 2-SGRD6	DINING	SR1	14	650	1	821	760	636	97.8
RTU 2-SGRD7	DINING	SR1	14	600	1	652	610	632	105.3
RTU 2-SGRD8	WOMEN'S RESTROOM	CD3	6	50	1	126	112	62	124.0
Total				4600		5424	4938	4577	99.5%

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Project: 10-21-24 CHIPOTLE #5173 NAVARRE, FL

System/Unit: FAN - Exhaust

Asset: EF1 AREA:

Unit Data		
	Design	**Actual**
MFG	CAPTIVEAIRE	CAPTIVEAIRE
Model Num	DU180HFA	DU180HFA
Serial Num	-	6705426
Type	CENTRIFUGAL	CENTRIFUGAL
Configuration	UPBLAST	UPBLAST

Motor Data		
	Design	**Actual**
Motor MFG	-	WEG
Frame	-	182/4T
Horsepower	-	2.0
Motor Rpm	-	1170
Phase	3	3
Voltage (rated)	208	230/460
Amperage (rated)	-	6.44/3.22
Service Factor	-	1.25

Drive Data	
	Actual
Motor Sheave Size	DD
Motor Bore Size	DD
Motor Sheave SetPt	DD
Fan Sheave Size	DD
Fan Sheave Bore	DD
Belt CL Distance	DD
Num of Belts	DD
Belt Size	DD

Test Data		
	Design	**Actual**
CFM	2550	2595
Fan RPM	-	1125
Fan Rotation	-	CCW
Motor RPM	-	1125
RL Voltage	-	146/146/146
RL Amperage	-	5.5/5.5/5.4
Suction ESP	-	-0.81”
Discharge ESP	-	ATM
Total ESP	1.20	0.81”

Completed By: Mark Johnson on 10/22/2024

Notes:
Setpoint: 57.7 HZ

Written By: Mark Johnson on 10/22/2024

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Project: 10-21-24 CHIPOTLE #5173 NAVARRE, FL

System/Unit: FAN - Exhaust

Asset: EF2 AREA:

Unit Data		
	Design	**Actual**
MFG	CAPTIVEAIRE	CAPTIVEAIRE
Model Num	DR12HFA	DR12HFA
Serial Num	-	6705426
Type	DD	DD
Configuration	DOWNBLAST	DOWNBLAST

Motor Data		
	Design	**Actual**
Motor MFG	-	TELCO GREEN
Frame	-	NOT ACCESSIBLE
Horsepower	-	1/4
Motor Rpm	-	NOT ACCESSIBLE
Phase	-	1
Voltage (rated)	120	115
Amperage (rated)	-	2.9
Service Factor	-	NOT ACCESSIBLE

Test Data		
	Design	**Actual**
CFM	150	155
Fan RPM	-	848
Fan Rotation	-	CCW
Motor RPM	-	848
System SetPt	-	45%
RL Voltage	-	125
RL Amperage	-	0.4
Total ESP	0.60”	0.15”
Fan Inlet SP	-	-0.15”
Fan Discharge SP	-	ATM

Completed By: Mark Johnson on 10/21/2024

National TAB

Project:10-21-24 CHIPOTLE #5173 NAVARRE, FL

FAN - Exhaust

Diffuser Ret/Exh (GRD)

EF2/

Asset									
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**AK**	**CFM(1)**	**CFM(2)**	**FINAL CFM**	**% to design**
EF2-EGRD1	MEN'S RESTROOM	ER1	6/6	75	1	120	58	74	98.7
EF2-EGRD2	WOMEN'S RESTROOM	ER1	6/6	75	1	125	63	81	108.0
Total				150		245	121	155	103.33%

National TAB

Project: 10-21-24 CHIPOTLE #5173 NAVARRE, FL

System/Unit: FAN - Supply

Asset: MUA 1 AREA:

Unit Data		
	Design	**Actual**
MFG	CAPTIVEAIRE	CAPTIVEAIRE
Model Num	A1-D.250-15D	A1-D.250-15D
Serial Num	-	6705426

Motor Data		
	Design	**Actual**
Motor MFG	-	TECO WESTINGHOUSE
Frame	-	143T
Horsepower	-	1.0
Motor Rpm	-	1750
Phase	3	3
Voltage (rated)	208	230/460
Amperage (rated)	-	2.90/1.45
Service Factor	-	1.15

Drive Data	
	Actual
Motor Sheave Size	DD
Motor Bore Size	DD
Fan Sheave Size	DD
Fan Sheave Bore	DD
Belt CL Distance	DD
Num of Belts	DD
Belt Size	DD

Test Data		
	Design	**Actual**
CFM	1300	0
SF RPM	-	0
RL Voltage	-	
RL Amperage	-	
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.97	

Notes:
NOT FUNCTIONAL - INTERLOCK ERROR

Written By: Mark Johnson on 10/22/2024

National TAB

Project: 10-21-24 CHIPOTLE #5173 NAVARRE, FL

System/Unit: Kitchen Hood Type I

Asset: HD1 AREA:

Unit Data		
	Design	**Actual**
MFG	CAPTIVEAIRE	CAPTIVEAIRE
Model Num	5424 ND-2-ACPSP-F	5424 ND-2-ACPSP-F
Job / Serial Num	-	6705426
Type	TYPE I CANOPY	TYPE I CANOPY
Hood length	153”	153”
Hood Width	51”	54”
Supply Plenum Type	-	ACPSP
Supply Plenum Width	-	9”
Supply Plenum Length	-	165”

Test Data Exhaust		
	Design	**Actual**
Filter Type	CAPTRATE SOLO	CAPTRATE SOLO
Filter Size 1	-	16x16
Filter Qty 1	-	9
Filter AK factor size 1	-	1.62
Filter Total AK Area	-	14.58
Filter1 FPM	-	184
Filter2 FPM	-	197
Filter3 FPM	-	164
Filter4 FPM	-	188
Filter5 FPM	-	192
Filter6 FPM	-	179
Filter7 FPM	-	163
Filter8 FPM	-	174
Filter9 FPM	-	161
Filter Ave FPM(corr)	-	178
CFM	-	2595

Cooking Equipment	
	Actual
Item 1	PLANCHA
Item 2	STOVE
Item 3	RICE COOKER
Item 4	FRYER

Test Data Supply		
	Design	**Actual**
Total Area	-	10.31
Kv factor (Vel)	-	0.81
Num of Readings	-	9
Reading1 FPM	-	0
Reading2 FPM	-	0
Reading3 FPM	-	
Reading4 FPM	-	
Reading5 FPM	-	
Reading6 FPM	-	
Reading7 FPM	-	
Reading8 FPM	-	
Reading9 FPM	-	
Ave FPM(corr)	-	0
CFM	2550	0

Completed By: Mark Johnson on 10/22/2024

Notes:
MUA NOT FUNCTIONAL - INTERLOCK ERROR

Written By: Mark Johnson on 10/22/2024