

**Report By:**

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



**Report: TAB**

**Function: Test, Adjust, & Balance**

**Date: 10/07/2025**

**Completed By: National TAB**

# **PROJECT**

**10-06-25 CHIPOTLE #5669 SPRINGFIELD, MO  
(SUNSHINE ST)**

2456 E SUNSHINE ST

SPRINGFIELD, MO 65804

## **Client**

Chipotle Mexican Grill  
610 Newport Center Drive, Suite 1100

Newport Beach, CA 92660

# National TAB

Project: 10-06-25 CHIPOTLE #5669 SPRINGFIELD, MO (SUNSHINE ST)

## Table Of Contents

Section	Page #
Checklist Data	3
AHU/RTU	14
FAN - Exhaust	18
FAN - Supply	22
Kitchen Hood Type I	24

## CheckList List

- 01: RTU'S/AHU'S
- 02: EF'S
- 03: MUA
- 04: HOODS
- 05: FINAL TESTS
- PLAN REVIEW



10-06-25 CHIPOTLE #5669 SPRINGFIELD, MO (SUNSHINE ST)

CheckList Information

**Name :** 01: RTU'S/AHU'S **Status :** Not Completed  
**Assigned Organization :** National TAB **Asset :**  
**Requesting Organization :** National TAB  
**Created Date :** 08/29/2025 - Natasha Louw - 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)	N/A
--	-----

Comment:

Economizer blank plate is installed below the outside 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:**

---

**Motors are all operating below the FLA rating?**

Yes

---

**Comment:**

---

**Are belts tight?**

N/A

---

**Comment:**

---

**If direct drive unit is the speed controller working?**

Yes

---

**Comment:**

---

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

Yes

---

**Comment:**

---

**Unit free of noticeable noise and vibration**

Yes

---

**Comment:**

---

**Final outside air damper position is marked with permanent marker?**

Yes

---

**Comment:**

---



10-06-25 CHIPOTLE #5669 SPRINGFIELD, MO (SUNSHINE ST)

CheckList Information

**Name :** 02: EF'S **Status :** Not Completed  
**Assigned Organization :** National TAB **Asset :**  
**Requesting Organization :** National TAB  
**Created Date :** 08/29/2025 - Natasha Louw - National TAB

CheckList Item Details

EF's

<b>Rotation is correct?</b>	Yes
-----------------------------	-----

**Comment:**

<b>Belts are tight?</b>	N/A
-------------------------	-----

**Comment:**

<b>Viroguard installed on hood fan(s)?</b>	Yes
--	-----

**Comment:**

<b>Hinge kit installed installed on hood fan?</b>	Yes
---	-----

**Comment:**

<b>Lean fan back. Is grease duct installation adequate and is duct ran all the way to the base of the fan?</b>	Yes
--	-----

**Comment:**

<b>Flex conduit is long enough so that fan can be completely tilted back?</b>	Yes
---	-----

**Comment:**

<b>There is no major leakage around base of fan?</b>	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?**

N/A

---

**Comment:**

-COULD NOT ACCESS TO VERIFY.

---

**Unit free of noticeable noise and vibration?**

Yes

---

**Comment:**

---





**10-06-25 CHIPOTLE #5669 SPRINGFIELD, MO (SUNSHINE ST)**

**CheckList Information**

**Name :** 04: HOODS **Status :** Not Completed

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

**Requesting Organization :** National TAB

**Created Date :** 08/29/2025 - Natasha Louw - 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?** Yes

---

**Comment:**

---

**Hood is free of damage?** Yes

---

**Comment:**

---

**Quarter or full vertical end panels are installed if specified?** Yes

---

**Comment:**



10-06-25 CHIPOTLE #5669 SPRINGFIELD, MO (SUNSHINE ST)

**CheckList Information**

**Name :** 05: FINAL TESTS **Status :** Not Completed

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

**Requesting Organization :** National TAB

**Created Date :** 08/29/2025 - Natasha Louw - 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:**

EF1 MUA1

**List smoke candle type used**

**Comment:**

S102

**HOOD CAPTURE TEST**

**Smoke test capture % - Perimeter of hood**

**Comment:**

100% SMOKE CAPTURE

---

**Smoke test capture % - Top of cooking surface**

**Comment:**

100% SMOKE CAPTURE

---

**WITNESS**

**Date test was completed**

10/07/2025

**Comment:**

---

**TAB tech name / Firm**

**Comment:**

KALEN KEMP / NATIONAL TAB

---

**Site super name / Firm**

**Comment:**

RANDY RENTROP / STANSELL CONSTRUCTION

---

**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)**

Pass

**Comment:**



**Mechanical drawings are uploaded**

Yes

**Comment:**

**If job is a Revive, Pre-design, or Remodel. Check if we have an old report on sharepoint or the old FaciliBuild and upload to files section.**

N/A

**Comment:**

**GRD Layout is uploaded**

Yes

**Comment:**

**Jurisdiction Requirements**

**Is job in Orlando, FL metro area or Phoenix metro area? If yes, a smoke detector checklist needs to be created for each RTU or AHU**

No

**Comment:**

**Is job in Broward County, FL? If so, is Broward County on the permit (Ask the GC)? If Broward County is on the permit, then we CANNOT perform the balance.**

No

**Comment:**



# National TAB

Project: 10-06-25 CHIPOTLE #5669 SPRINGFIELD, MO  
(SUNSHINE ST)

## System/Unit: AHU/RTU

Asset: RTU1

AREA:KITCHEN

Unit Data		
	Design	Actual
MFG	CARRIER	CARRIER
Serial Num	-	0424P63060
Model Num	48FCFN12	48FCFN12D3M5A6W4F0
Type	RTU	RTU
Configuration	VERTICAL	VERTICAL
Num OA Filters 1	-	1
OA Filter Size 1	-	19.5X35"
Num Final Filter 1	-	4
Final Filter Size 1	-	20X20X2"
Num Final Filter 2	-	
Final Filter Size 2	-	

Motor Data		
	Design	Actual
Motor MFG	-	NA
Frame	-	NA
Horsepower	-	NA
Motor Rpm	-	NA
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	4000	4056
SF RPM	-	NA
RA CFM	3250	3292
OA CFM	750	764
RL Voltage	-	213
RL Amperage	-	5.94
SF Rotation	-	COUNTERCLOCKWISE
SF System SetPt	-	8.44 VDC
RA Damper Position	-	NA
Min OA Damper Position	-	0.5" OPEN (3.75 V)
Min OA Damper Type	-	ECON
OA Enthalpy Setpt	-	ES3

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.70"
Fan Suction SP	-	-1.17"
Fan Discharge SP	-	0.20"
Total ESP	0.8"	0.90"
Fan Total SP	-	1.37"

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

Completed By: Kalen Kemp on 10/07/2025

Notes:

-DISCHARGE PRESSURE TAKEN IN SUPPLY DUCT AFTER ELBOW.

Written By: Kalen Kemp on 10/07/2025

## Unit Data - PHOTO LOG



10/07/2025



# National TAB

Project: 10-06-25 CHIPOTLE #5669 SPRINGFIELD, MO  
(SUNSHINE ST)

## System/Unit: AHU/RTU

Asset: RTU2

AREA:DINING

Unit Data		
	Design	Actual
MFG	CARRIER	CARRIER
Serial Num	-	0524P63626
Model Num	48FCFN12	48FCFN12D3M5A6W4F0
Type	RTU	RTU
Configuration	VERTICAL	VERTICAL
Num OA Filters 1	-	1
OA Filter Size 1	-	19X34.5"
Num Final Filter 1	-	4
Final Filter Size 1	-	20X20X2"
Num Final Filter 2	-	
Final Filter Size 2	-	

Motor Data		
	Design	Actual
Motor MFG	-	NA
Frame	-	NA
Horsepower	-	NA
Motor Rpm	-	NA
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	4000	4078
SF RPM	-	NA
RA CFM	3250	3336
OA CFM	750	742
RL Voltage	-	212
RL Amperage	-	5.31
SF Rotation	-	COUNTERCLOCKWISE
SF System SetPt	-	8.17 VDC
RA Damper Position	-	NA
Min OA Damper Position	-	0.5" OPEN
Min OA Damper Type	-	ECON
OA Enthalpy Setpt	-	ES3

Performance Data		
	Design	Actual
MA Plenum SP	-	-1.06"
Fan Suction SP	-	-1.42"
Fan Discharge SP	-	0.64"
Total ESP	0.8"	1.70"
Fan Total SP	-	2.06"

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

Completed By: Kalen Kemp on 10/07/2025

Notes:  
-DISCONNECT SWITCH IS BROKEN. POWER BYPASSED FOR UNIT TO RUN.

Written By: Kalen Kemp on 10/07/2025

**Unit Data - PHOTO LOG**



**10/07/2025**



# National TAB

Project: 10-06-25 CHIPOTLE #5669 SPRINGFIELD, MO  
(SUNSHINE ST)

## System/Unit: FAN - Exhaust

Asset: EF1

AREA:KITCHEN HD

Unit Data		
	Design	Actual
MFG	CAPTIVE-AIRE	ACCUREX
Model Num	DU180HFA	XCUE-160-20-VG-1-26-G
Serial Num	-	27306911 25H
Type	UPBLAST	UPBLAST
Configuration	VERTICAL	VERTICAL

Motor Data		
	Design	Actual
Motor MFG	-	BALDOR
Frame	-	145T
Horsepower	2	2.0
Motor Rpm	-	4000
Phase	3	1
Voltage (rated)	208	230
Amperage (rated)	-	4.8
Service Factor	-	1.0

Test Data		
	Design	Actual
CFM	2550	2618
Fan RPM	-	3080
Fan Rotation	-	COUNTERCLOCKWISE
Motor RPM	-	3080
System SetPt	-	7.7 VDC
RL Voltage	-	211
RL Amperage	-	5.64
Total ESP	1.20"	1.04"
Fan Inlet SP	-	-1.04"
Fan Discharge SP	-	ATM

Completed By: Kalen Kemp on 10/07/2025

**Unit Data - PHOTO LOG**



**10/07/2025**



# National TAB

Project: 10-06-25 CHIPOTLE #5669 SPRINGFIELD, MO  
(SUNSHINE ST)

## System/Unit: FAN - Exhaust

Asset: EF2

AREA:RESTROOMS

Unit Data		
	Design	Actual
MFG	CAPTIVE-AIRE	ACCUREX
Model Num	DR12HFA	XRED-097-4-VG-1-19-X
Serial Num	-	27306910 25G
Type	DOWNBLAST	DOWNBLAST
Configuration	VERTICAL	VERTICAL

Motor Data		
	Design	Actual
Motor MFG	-	BROAD-OCEAN
Frame	-	NL
Horsepower	0.25	0.25
Motor Rpm	-	1750
Phase	1	1
Voltage (rated)	120	115/208
Amperage (rated)	-	2.85
Service Factor	-	1.25

Test Data		
	Design	Actual
CFM	150	143
Fan RPM	-	NA
Fan Rotation	-	COUNTERCLOCKWISE
Motor RPM	-	NA
System SetPt	-	10.0 VDC
RL Voltage	-	124
RL Amperage	-	1.67
Total ESP	0.60"	0.16"
Fan Inlet SP	-	0.16"
Fan Discharge SP	-	ATM

Completed By: Kalen Kemp on 10/07/2025

Notes:  
-SP READING FROM DROP

Written By: Kalen Kemp on 10/07/2025

**Unit Data - PHOTO LOG**



**10/07/2025**



# National TAB

Project: 10-06-25 CHIPOTLE #5669 SPRINGFIELD, MO  
(SUNSHINE ST)

## System/Unit: FAN - Supply

Asset: MAU1

AREA: KITCHEN HD

Unit Data		
	Design	Actual
MFG	CAPTIVE-AIRE	ACCUREX
Model Num	A1-15D-MPU	XDGX-P115-H05-VG
Serial Num	-	27310820
Type	MAU	MAU
Configuration	VERTICAL	VERTICAL

Motor Data		
	Design	Actual
Motor MFG	-	NL
Frame	-	NL
Horsepower	-	1.0
Motor Rpm	-	NL
Phase	3	1
Voltage (rated)	208	115
Amperage (rated)	-	11.5
Service Factor	-	NL

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	-	0.47"

Test Data		
	Design	Actual
CFM	1300	1214
SF RPM	-	NA
Motor RPM	-	NA
SF System SetPt	-	6.9 VDC
RL Voltage	-	121
RL Amperage	-	3.30
Total ESP	-	0.47"
Fan Discharge SP	-	0.47"

General	
	Actual
Fan Rotation Correct	YES

Completed By: Kalen Kemp on 10/07/2025

## Unit Data - PHOTO LOG



10/07/2025



# National TAB

Project: 10-06-25 CHIPOTLE #5669 SPRINGFIELD, MO  
(SUNSHINE ST)

## System/Unit: Kitchen Hood Type I

Asset: HD1

AREA:KITCHEN

Unit Data		
	Design	Actual
MFG	CAPTIVE-AIRE	ACCUREX
Model Num	5424 ND-2-ACPSP-F	CXEW-153.00-S
Job / Serial Num	-	27314241
Type	TYPE 1 CANOPY	TYPE I - CANOPY
Hood length	153"	153"
Hood Width	51"	54"
Supply Plenum Type	-	ACPSP
Supply Plenum Width	9"	14"
Supply Plenum Length	165"	

Test Data Exhaust		
	Design	Actual
Filter Type	-	X-TRACTOR
Filter Size 1	-	20X20"
Filter Size 2	-	16X20"
Filter Qty 1	-	6
Filter Qty 2	-	2
Filter AK factor size 1	-	3.00
Filters AK factor size 2	-	2.00
Filter Total AK Area	-	22.00
Filter1 FPM	-	72
Filter2 FPM	-	113
Filter3 FPM	-	130
Filter4 FPM	-	146
Filter5 FPM	-	151
Filter6 FPM	-	131
Filter7 FPM	-	113
Filter8 FPM	-	100
Filter Ave FPM(corr)	-	120
CFM	2550	2640

Cooking Equipment	
	Actual
Item 1	GRIDDLE
Item 2	RANGE
Item 3	RICE COOKER
Item 4	FRYER
Item 5	

Test Data Supply		
	Design	Actual
Total Area	10.31	16.04
Kv factor (Vel)	0.81	0.89
Num of Readings	-	12
Reading1 FPM	-	68
Reading2 FPM	-	91
Reading3 FPM	-	65
Reading4 FPM	-	98
Reading5 FPM	-	79
Reading6 FPM	-	92
Reading7 FPM	-	108
Reading8 FPM	-	77
Reading9 FPM	-	82
Reading10 FPM	-	113
Reading11 FPM	-	94
Reading12 FPM	-	53
Ave FPM(corr)	-	85
CFM	1300	1214

Completed By: Kalen Kemp on 10/07/2025

**Unit Data - PHOTO LOG**



**10/07/2025**