

**Report By:**

National TAB  
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**Report: TAB Report**  
**Function: Test, Adjust, & Balance**  
**Date: 01/21/2026**  
**Completed By: Wesley John**

**PROJECT**  
**01-19-26 CHIPOTLE #5470 Edinburg, TX**

4112 S Business Highway 281

EDINBURGH, TX 78539

**Client**

Chipotle Mexican Grill  
610 Newport Center Drive, Suite 1100  
Newport Beach, CA 92660

# National TAB

Project: 01-19-26 CHIPOTLE #5470 Edinburg, TX

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Project: 01-19-26 CHIPOTLE #5470 Edinburg, TX  
Function: Test, Adjust, & Balance

## Project Summary

### 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.

## CheckList List

- 01: RTU'S/AHU'S
- 02: EF'S
- 03: MAU
- 04: FINAL TESTS



01-19-26 CHIPOTLE #5470 Edinburg, TX

CheckList Information

**Name :** 01: RTU'S/AHU'S **Status :** Completed

**Assigned Organization :** Wesley John **Asset :**

**Requesting Organization :** National TAB

**Created Date :** 12/26/2025 - Tyce Fox - National TAB

**Completed Date :** 01/17/2026 - Wesley John - 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:



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CheckList Information

**Name :** 02: EF'S **Status :** Completed

**Assigned Organization :** Wesley John **Asset :**

**Requesting Organization :** National TAB

**Created Date :** 12/26/2025 - Tyce Fox - National TAB

**Completed Date :** 01/17/2026 - Wesley John - 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:**

**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:**



**01-19-26 CHIPOTLE #5470 Edinburg, TX**

**CheckList Information**

**Name :** 03: MAU **Status :** Completed

**Assigned Organization :** Wesley John **Asset :**

**Requesting Organization :** National TAB

**Created Date :** 12/26/2025 - Tyce Fox - National TAB

**Completed Date :** 01/17/2026 - Wesley John - National TAB

**CheckList Item Details**

MUA

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

**Comment:**

<b>Gas piping is installed and valves are in on position?</b>	No
---	----

**Comment:**

GAS PIPING INSTALLED BUT GAS VALVE IN OFF POSITION. MAU GAS HEAT NOT TESTED.

<b>Internal motorized damper is fully opening?</b>	Yes
--	-----

**Comment:**

<b>Motor is operating below the FLA rating?</b>	Yes
---	-----

**Comment:**

<b>Unit free of noticeable noise and vibration?</b>	Yes
---	-----

**Comment:**



01-19-26 CHIPOTLE #5470 Edinburg, TX

CheckList Information

**Name :** 04: FINAL TESTS **Status :** Completed

**Assigned Organization :** Wesley John **Asset :**

**Requesting Organization :** National TAB

**Created Date :** 12/26/2025 - Tyce Fox - National TAB

**Completed Date :** 01/17/2026 - Wesley John - 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:

# National TAB

Project: 01-19-26 CHIPOTLE #5470 Edinburg, TX

System/Unit: AHU/RTU



Asset: RTU1

AREA:KITCHEN

Unit Data		
	Design	Actual
MFG	CARRIER	CARRIER
Serial Num	-	0424P63023
Model Num	48FCFN12	48FCFN12D3M5A6W4F0
Type	RTU	RTU
Configuration	VERTICAL DISCHARGE	VERTICAL DISCHARGE
Num OA Filters 1	-	1
OA Filter Size 1	-	20x36x1
Num Final Filter 1	-	4
Final Filter Size 1	-	20x20x2

Motor Data		
	Design	Actual
Motor MFG	-	NL
Frame	-	NL
Horsepower	-	NL
Motor Rpm	-	NL
Phase	3	3
Rated Voltage	208	208
Rated Amperage	-	12.6

Test Data		
	Design	Actual
SF CFM	3600	3679
SF RPM	-	1776
RA CFM	3100	3138
OA CFM	500	541
RL Voltage	-	213/212/212
RL Amperage	-	5.5/5.6/5.6
SF Rotation	-	CCW
SF System SetPt	-	6.4 VDC
RA Damper Position	-	72%
Min OA Damper Position	-	4.25 VDC (28%)
Min OA Damper Type	-	OPPOSED BLADE
OA Enthalpy Setpt	-	ES5

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.67"
Fan Suction SP	-	-1.11"
Fan Discharge SP	-	0.58"
Total ESP	1.00"	1.25"
Fan Total SP	-	1.69"

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

Completed By: Wesley John on 01/17/2026

## Unit Data - PHOTO LOG



01/17/2026

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Project:01-19-26 CHIPOTLE #5470 Edinburg, TX

## AHU/RTU



**Diffuser Supply (GRD)**

**RTU1/KITCHEN**

Asset									
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
SGRD1	HOOD	ACPSP	165X10	750	8.7	1761	1562	725	96.7
SGRD2	BEVERAGE	CD1	10"	400	1.0	324	290	399	99.8
SGRD3	BEVERAGE	CD1	10"	400	1.0	409	378	437	109.3
SGRD4	SERVELINE	CD2	8"	250	1.0	190	173	245	98.0
SGRD5	SERVELINE	CD2	8"	250	1.0	244	227	273	109.2
SGRD6	SERVELINE	CD2	8"	250	1.0	231	209	250	100.0
SGRD7	SERVELINE	CD2	8"	250	1.0	228	203	251	100.4
SGRD8	BOH	CD1	10"	400	1.0	275	251	414	103.5
SGRD9	OFFICE	CD1	8"	200	1.0	187	178	213	106.5
SGRD10	BOH	CD1	8"	225	1.0	196	183	233	103.6
SGRD11	BOH	CD1	8"	225	1.0	123	115	239	106.2
<b>Total</b>				<b>3600</b>		<b>4168</b>	<b>3769</b>	<b>3679</b>	<b>102.19%</b>

# National TAB

Project: 01-19-26 CHIPOTLE #5470 Edinburg, TX

## System/Unit: AHU/RTU



Asset: RTU2

AREA:DINING

Unit Data		
	Design	Actual
MFG	CARRIER	CARRIER
Serial Num	-	0424P62034
Model Num	48FCFN12	48FCFN12D3M5A6W4F0
Type	RTU	RTU
Configuration	VERTICAL DISCHARGE	VERTICAL DISCHARGE
Num OA Filters 1	-	1
OA Filter Size 1	-	20x36x1
Num Final Filter 1	-	4
Final Filter Size 1	-	20x20x2

Motor Data		
	Design	Actual
Motor MFG	-	NL
Frame	-	NL
Horsepower	-	NL
Motor Rpm	-	NL
Phase	3	3
Rated Voltage	208	208
Rated Amperage	-	12.6

Test Data		
	Design	Actual
SF CFM	4000	4066
SF RPM	-	1741
RA CFM	3000	3009
OA CFM	1000	1057
RL Voltage	-	212/213/212
RL Amperage	-	5.7/5.8/5.7
SF Rotation	-	CCW
SF System SetPt	-	6.3 VDC
RA Damper Position	-	59%
Min OA Damper Position	-	5.30 VDC (41%)
Min OA Damper Type	-	OPPOSED BLADE
OA Enthalpy Setpt	-	ES5

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.67"
Fan Suction SP	-	-1.10"
Fan Discharge SP	-	0.36"
Total ESP	1.00"	1.03"
Fan Total SP	-	1.46"

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

Completed By: Wesley John on 01/17/2026

## Unit Data - PHOTO LOG



01/17/2026

# National TAB

Project:01-19-26 CHIPOTLE #5470 Edinburg, TX

## AHU/RTU



**Diffuser Supply (GRD)**

**RTU2/DINING**

Asset									
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
SGRD1	BEVERAGE	SR2	18/6	400	1.0	444	385	422	105.5
SGRD2	BEVERAGE	SR2	18/6	400	1.0	279	240	389	97.3
SGRD3	ORDERLINE	SR1	14"	640	1.0	666	578	675	105.5
SGRD4	ORDERLINE	SR1	14"	640	1.0	1035	889	629	98.3
SGRD5	ORDERLINE	SR1	14"	640	1.0	837	725	660	103.1
SGRD6	ORDERLINE	SR1	14"	640	1.0	896	771	659	103.0
SGRD7	ORDERLINE	SR1	14"	640	1.0	591	509	632	98.8
Total				4000		4748	4097	4066	101.65%

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Project: 01-19-26 CHIPOTLE #5470 Edinburg, TX

## System/Unit: FAN - Exhaust



Asset: EF1

AREA:HOOD

Unit Data		
	Design	Actual
<b>MFG</b>	ACCUREX	ACCUREX
<b>Model Num</b>	XCUE-160-VG	XCUE-160-20-VG-1-26-G
<b>Serial Num</b>	-	27804169
<b>Type</b>	CENTRIFUGAL	CENTRIFUGAL
<b>Configuration</b>	UPBLAST	UPBLAST

Motor Data		
	Design	Actual
<b>Motor MFG</b>	-	BALDOR
<b>Frame</b>	-	145T
<b>Horsepower</b>	2	2
<b>Motor Rpm</b>	-	1800
<b>Phase</b>	1	3
<b>Voltage (rated)</b>	208	208
<b>Amperage (rated)</b>	-	4.8
<b>Service Factor</b>	-	1.0

Test Data		
	Design	Actual
<b>CFM</b>	2550	2625
<b>Fan RPM</b>	1330	1188
<b>Fan Rotation</b>	-	CW
<b>Motor RPM</b>	-	1188
<b>System SetPt</b>	-	6.6 VDC
<b>RL Voltage</b>	-	212/212/212
<b>RL Amperage</b>	-	3.6/3.6/3.6
<b>Total ESP</b>	1.2"	1.08"
<b>Fan Inlet SP</b>	-	-1.08"
<b>Fan Discharge SP</b>	-	ATM

Completed By: Wesley John on 01/17/2026

## Unit Data - PHOTO LOG



01/17/2026

# National TAB

Project: 01-19-26 CHIPOTLE #5470 Edinburg, TX

System/Unit: FAN - Exhaust



Asset: EF2

AREA:RESTROOM

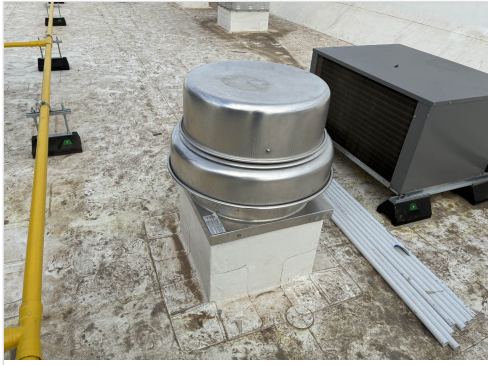
Unit Data		
	Design	Actual
MFG	ACCUREX	ACCUREX
Model Num	XRED-097-VG	XRED-097-4-VG-1-19-X
Serial Num	-	27804168
Type	CENTRIFUGAL	CENTRIFUGAL
Configuration	DOWNBLAST	DOWNBLAST

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

Test Data		
	Design	Actual
CFM	150	151
Fan RPM	1330	DIRECT DRIVE
Fan Rotation	-	CW
Motor RPM	-	DIRECT DRIVE
System SetPt	-	7/10
RL Voltage	-	122
RL Amperage	-	1.2
Total ESP	0.60"	0.21"
Fan Inlet SP	-	-0.21"
Fan Discharge SP	-	ATM

Completed By: Wesley John on 01/17/2026

## Unit Data - PHOTO LOG



01/17/2026

# National TAB

Project:01-19-26 CHIPOTLE #5470 Edinburg, TX

## FAN - Exhaust



**Diffuser Ret/Exh (GRD)**

**EF2/RESTROOM**

<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>
EGRD1	RESTROOM	ER1	6/6	75	1.0	58	77	77	102.7
EGRD2	RESTROOM	ER1	6/6	75	1.0	54	74	74	98.7
<b>Total</b>				150		112	151	151	100.67%

Completed By: Wesley John on 01/17/2026

# National TAB

Project: 01-19-26 CHIPOTLE #5470 Edinburg, TX

## System/Unit: FAN - Supply



Asset: MAU1

AREA:HOOD

Unit Data		
	Design	Actual
MFG	ACCUREX	ACCUREX
Model Num	XDGX-P115-H05-VG	XDGX-P115-H05-VG
Serial Num	-	27815431
Type	MAU	MAU
Configuration	VERTICAL DISCHARGE	VERTICAL DISCHARGE

Motor Data		
	Design	Actual
Motor MFG	-	BROAD OCEAN
Frame	-	NL
Horsepower	-	1
Motor Rpm	1725	1750
Phase	1	1
Voltage (rated)	115	115
Amperage (rated)	-	11.5
Service Factor	-	NL

Gas Heat		
	Design	Actual
Heater Operates (y/n)	-	[1]
Flame Status (pass/fail)	-	[1]
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	-	0.28"

Test Data		
	Design	Actual
CFM	1300	1266
SF RPM	-	1050
Motor RPM	-	1050
SF System SetPt	-	6/10
RL Voltage	-	122
RL Amperage	-	5.4
Total ESP	-	0.23"
Fan Discharge SP	-	0.23"

General	
	Actual
Fan Rotation Correct	YES

Completed By: Wesley John on 01/17/2026

Notes:

[1] GAS TO MAU WAS TURNED OFF. GAS HEAT NOT TESTED.

Written By: Wesley John on 01/17/2026

## Unit Data - PHOTO LOG



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# National TAB

Project: 01-19-26 CHIPOTLE #5470 Edinburg, TX

System/Unit: Kitchen Hood Type I



Asset: HD1

AREA:COOKLINE

Unit Data		
	Design	Actual
MFG	ACCUREX	ACCUREX
Model Num	XXEW-153-S	XXEW-153.00-S
Job / Serial Num	-	27806020
Type	TYPE I CANOPY	TYPE I CANOPY
Hood length	153"	153"
Hood Width	54"	54"
Supply Plenum Type	-	ACPSP
Supply Plenum Width	14"	14"
Supply Plenum Length	165"	165"

Test Data Exhaust		
	Design	Actual
Filter Type	XTRACTOR	XTRACTOR
Filter Size 1	16x20	16x20
Filter Size 2	20X20	20x20
Filter Qty 1	2	2
Filter Qty 2	6	6
Filter AK factor size 1	2.34	2.34
Filters AK factor size 2	2.96	2.96
Filter Total AK Area	22.44	22.44
Filter1 FPM	-	101
Filter2 FPM	-	107
Filter3 FPM	-	119
Filter4 FPM	-	136
Filter5 FPM	-	141
Filter6 FPM	-	122
Filter7 FPM	-	112
Filter8 FPM	-	103
Filter Ave FPM(corr)	-	117
CFM	2550	2625

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

Test Data Supply		
	Design	Actual
Total Area	16.04	16.04
Kv factor (Vel)	0.89	0.89
Num of Readings	-	13
Reading1 FPM	-	93
Reading2 FPM	-	84
Reading3 FPM	-	87
Reading4 FPM	-	92
Reading5 FPM	-	101
Reading6 FPM	-	91
Reading7 FPM	-	82
Reading8 FPM	-	88
Reading9 FPM	-	109
Reading10 FPM	-	106
Reading11 FPM	-	86
Reading12 FPM	-	78
Reading13 FPM	-	60
Ave FPM(corr)	-	89
CFM	1300	1266

Completed By: Wesley John on 01/17/2026

