

CheckList List

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



07-21-25 CHIPOTLE #5151 SUGAR HILL, GA

CheckList Information

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

Assigned Organization : National TAB **Asset :**

Requesting Organization : National TAB

Created Date : 04/11/2025 - Nicole Seever - National TAB

Completed Date : 07/23/2025 - Sagar Patel - National TAB

CheckList Item Details

RTU's/AHU's

Thermostats installed and have power?	Yes
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Comment:

All diffusers and grilles are installed and match design?	No
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Comment:

OBD IS NOT INSTALLED ON DIFFUSERS 2-7 AND 2-8.

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 outside air intake (Trane only) (N/A = not applicable)	Yes
--	-----

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:



07-21-25 CHIPOTLE #5151 SUGAR HILL, GA

CheckList Information

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

Assigned Organization : National TAB **Asset :**

Requesting Organization : National TAB

Created Date : 04/11/2025 - Nicole Seever - National TAB

Completed Date : 07/23/2025 - Sagar Patel - National TAB

CheckList Item Details

EF's

Rotation is correct?	Yes
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Comment:

Belts are tight?	N/A
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Comment:

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:



07-21-25 CHIPOTLE #5151 SUGAR HILL, GA

CheckList Information

Name : 03: MUA **Status :** Completed

Assigned Organization : National TAB **Asset :**

Requesting Organization : National TAB

Created Date : 04/11/2025 - Nicole Seever - National TAB

Completed Date : 07/23/2025 - Sagar Patel - National TAB

CheckList Item Details

MUA

Rotation is correct?	Yes
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Comment:

Gas piping is installed and valves are in on position?	Yes
--	-----

Comment:

Internal motorized damper is fully opening?	Yes
---	-----

Comment:

Motor is operating below the FLA rating?	Yes
--	-----

Comment:

Unit free of noticeable noise and vibration?	Yes
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Comment:



07-21-25 CHIPOTLE #5151 SUGAR HILL, GA

CheckList Information

Name : 04: HOODS **Status :** Completed

Assigned Organization : National TAB **Asset :**

Requesting Organization : National TAB

Created Date : 04/11/2025 - Nicole Seever - National TAB

Completed Date : 07/23/2025 - Sagar Patel - 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:



07-21-25 CHIPOTLE #5151 SUGAR HILL, GA

CheckList Information

Name : 05: FINAL TESTS **Status :** Completed

Assigned Organization : National TAB **Asset :**

Requesting Organization : National TAB

Created Date : 04/11/2025 - Nicole Seever - National TAB

Completed Date : 07/23/2025 - Sagar Patel - 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 Yes

Comment:

List smoke candle type used

Comment:

45 SECOND SMOKE EMITTER

HOOD CAPTURE TEST

Smoke test capture % - Perimeter of hood

Comment:

100%

Smoke test capture % - Top of cooking surface

Comment:

100%

WITNESS

Date test was completed

07/23/2025

Comment:

VIDEO RECORDING

TAB tech name / Firm

Comment:

SAGAR PATEL / NATIONAL TAB INT

Site super name / Firm

Comment:

JEREMY CRANE / U.S. GENERAL

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:

National TAB

Project: 07-21-25 CHIPOTLE #5151 SUGAR HILL, GA

System/Unit: AHU/RTU



Asset: RTU1

AREA:KITCHEN

Unit Data		
	Design	Actual
MFG	CARRIER	CARRIER
Serial Num	-	0624P4337
Model Num	48FCFN09D3M5	48FCFN09D3M5
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
Motor MFG	-	N/A
Frame	-	N/A
Horsepower	-	N/A
Motor Rpm	-	N/A
Phase	3	3
Rated Voltage	208	208
Rated Amperage	-	7.5

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	3400	3527
SF RPM	-	1769
RA CFM	2900	3008
OA CFM	500	519
RL Voltage	-	216 / 216 / 216
RL Amperage	-	3.9 / 4.0 / 4.0
SF Rotation	-	CCW
SF System SetPt	-	7.7 VDC
RA Damper Position	-	7.25
Min OA Damper Position	-	2.75
Min OA Damper Type	-	ECONOMIZER
OA Enthalpy Setpt	-	ES5

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.79"
Fan Suction SP	-	-1.24"
Fan Discharge SP	-	0.53"
Total ESP	0.80"	1.32"
Fan Total SP	-	1.77"

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

Completed By: Sagar Patel on 07/23/2025

National TAB

Project:07-21-25 CHIPOTLE #5151 SUGAR HILL, GA

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	BOH	CD1	12"	350	1	474	412	355	101.4
SGRD2	BOH	CD1	12"	350	1	495	517	368	105.1
SGRD3	BOH	CD1	8"	150	1	216	235	153	102.0
SGRD4	KITCHEN	CD2	8"	250	1	224	274	229	91.6
SGRD5	KITCHEN	CD2	8"	250	1	245	267	274	109.6
SGRD6	KITCHEN	CD2	8"	250	1	253	259	274	109.6
SGRD7	KITCHEN	CD2	8"	250	1	184	206	244	97.6
SGRD8	KITCHEN	CD1	12"	425	1	486	548	448	105.4
SGRD9	KITCHEN	CD1	12"	425	1	288	316	418	98.4
SGRD10	HOOD	ACPSP	8"	696	6.88	1218	791	764	109.8
Total				3396		4083	3825	3527	103.86%

National TAB

Project: 07-21-25 CHIPOTLE #5151 SUGAR HILL, GA

System/Unit: AHU/RTU



Asset: RTU2

AREA:DINING

Unit Data		
	Design	Actual
MFG	CARRIER	CARRIER
Serial Num	-	0424P62895
Model Num	48FCFN12D3M5	48FCFN12D3M5
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
Motor MFG	-	N/A
Frame	-	N/A
Horsepower	-	N/A
Motor Rpm	-	N/A
Phase	3	3
Rated Voltage	208	208
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	3996
SF RPM	-	1876
RA CFM	3000	2933
OA CFM	1000	1063
RL Voltage	-	214 / 214 / 214
RL Amperage	-	4.6 / 4.6 / 4.8
SF Rotation	-	CCW
SF System SetPt	-	8.1 VDC
RA Damper Position	-	5.60
Min OA Damper Position	-	4.40
Min OA Damper Type	-	ECONOMIZER
OA Enthalpy Setpt	-	ES5

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.92"
Fan Suction SP	-	-1.46"
Fan Discharge SP	-	0.45"
Total ESP	0.80"	1.37"
Fan Total SP	-	1.91"

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

Completed By: Sagar Patel on 07/23/2025

National TAB

Project:07-21-25 CHIPOTLE #5151 SUGAR HILL, GA

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	RESTROOM	CD3	6"	50	1	74	64	5	10.0
SGRD2	DINING	SR1	14"	450	1	613	553	448	99.6
SGRD3	DINING	SR1	14"	500	1	757	723	492	98.4
SGRD4	DINING	SR1	14"	600	1	659	629	619	103.2
SGRD5	DINING	SR1	14"	700	1	797	741	698	99.7
SGRD6	DINING	SR1	14"	800	1	645	605	816	102.0
SGRD7	DINING	SR2	18X6"	500	0.66	543	547	483	96.6
SGRD8	DINING	SR2	18X6"	400	0.66	598	593	386	96.5
Total				4000		4686	4455	3947	98.68%

Asset	Notes	Date	Written By
SGRD1	NO OBD IS INSTALLED	07/23/2025	Sagar Patel

National TAB

Project: 07-21-25 CHIPOTLE #5151 SUGAR HILL, GA

System/Unit: FAN - Exhaust



Asset: EF1

AREA:HOOD #1

Unit Data		
	Design	Actual
MFG	CAPTIVEAIRE	CAPTIVEAIRE
Model Num	DU180HFA	DU180HFA
Serial Num	-	6705285
Type	UPBLAST/CEILING	UPBLAST
Configuration	VERTICAL	VERTICAL

Motor Data		
	Design	Actual
Motor MFG	-	TECO
Frame	-	184T
Horsepower	2	2
Motor Rpm	-	1165
Phase	3	3
Voltage (rated)	208	230
Amperage (rated)	-	7.51
Service Factor	-	1.15

Test Data		
	Design	Actual
CFM	2550	2610
Fan RPM	-	990
Fan Rotation	-	CCW
Motor RPM	-	990
System SetPt	-	51.4
RL Voltage	-	101
RL Amperage	-	5.0
Total ESP	1.45"	0.89
Fan Inlet SP	-	-0.89"
Fan Discharge SP	-	ATM

Completed By: Sagar Patel on 07/23/2025

National TAB

Project: 07-21-25 CHIPOTLE #5151 SUGAR HILL, GA

System/Unit: FAN - Exhaust



Asset: EF2

AREA:RESTROOMS

Unit Data		
	Design	Actual
MFG	CAPTIVEAIRE	CAPTIVEAIRE
Model Num	DR12HFA	DR12HFA
Serial Num	-	6705285
Type	DOWNBLAST	DOWNBLAST
Configuration	VERTICAL	VERTICAL

Motor Data		
	Design	Actual
Motor MFG	-	TELECO GREEN
Frame	-	N/A
Horsepower	0.25	0.25
Motor Rpm	1800	1800
Phase	1	1
Voltage (rated)	115	115
Amperage (rated)	-	14
Service Factor	-	N/A

Test Data		
	Design	Actual
CFM	150	163
Fan RPM	-	1090
Fan Rotation	-	CCW
Motor RPM	-	1800
System SetPt	-	57 P
RL Voltage	-	N/A
RL Amperage	-	N/A
Total ESP	0.60"	0.29"
Fan Inlet SP	-	-0.29"
Fan Discharge SP	-	ATM

Completed By: Sagar Patel on 07/23/2025

Notes:
UNABLE TO READ RL VOLTS AND RL AMPS SAFELY

Written By: Sagar Patel on 07/23/2025

National TAB

Project:07-21-25 CHIPOTLE #5151 SUGAR HILL, GA

FAN - Exhaust



Diffuser Ret/Exh (GRD)

EF2/RESTROOMS

Asset									
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
EGRD1	RESTROOM	ER1	6X6"	75					-
EGRD2	RESTROOM	ER1	6X6"	75					-
Total				150		0	0	0	0%

National TAB

Project: 07-21-25 CHIPOTLE #5151 SUGAR HILL, GA

System/Unit: FAN - Supply



Asset: MAU1

AREA:HOOD #1

Unit Data		
	Design	Actual
MFG	CAPTIVEAIRE	CAPTIVEAIRE
Model Num	A1-D.250-15D	A1-D.250-15D
Serial Num	-	6705285
Type	MAU	MAU
Configuration	HORIZONTAL	HORIZONTAL

Motor Data		
	Design	Actual
Motor MFG	-	TECO
Frame	-	143T
Horsepower	-	1
Motor Rpm	-	1740
Phase	3	3
Voltage (rated)	208	230
Amperage (rated)	-	2.9
Service Factor	-	1.15

Gas Heat		
	Design	Actual
Heater Operates (y/n)	-	Y
Flame Status (pass/fail)	-	PASS
Inlet Air Temp SetPt	55	55
Discharge Air Temp SetPt	60	60
Air Flow Switch SP Actual	-	0.35"

Test Data		
	Design	Actual
CFM	1300	1196
SF RPM	-	1548
Motor RPM	-	1548
SF System SetPt	-	53.5
RL Voltage	-	148
RL Amperage	-	2.5

General	
	Actual
Fan Rotation Correct	YES

Completed By: Sagar Patel on 07/23/2025

Notes:
UNABLE TO ACCESS FAN DISCHARGE SAFELY

Written By: Sagar Patel on 07/23/2025

National TAB

Project: 07-21-25 CHIPOTLE #5151 SUGAR HILL, GA

System/Unit: Kitchen Hood Type I



Asset: HD1

AREA:KITCHEN

Unit Data		
	Design	Actual
MFG	CAPTIVEAIRE	CAPTIVEAIRE
Model Num	5424 ND-2-ACPSP-F	5424 ND-2-ACPSP-F
Job / Serial Num	-	6705285
Type	CANOPY	CANOPY
Hood length	153"	153"
Hood Width	54"	54"
Supply Plenum Type	-	MAU
Supply Plenum Width	9"	9"
Supply Plenum Length	165"	165"

Test Data Exhaust		
	Design	Actual
Filter Type	CAPTRATE SOLO FILTER	CAPTRATE SOLO FILTER
Filter Size 1	16X16"	16X16"
Filter Qty 1	9	9
Filter AK factor size 1	1.62	1.62
Filter Total AK Area	14.58	14.58
Filter1 FPM	-	187
Filter2 FPM	-	180
Filter3 FPM	-	175
Filter4 FPM	-	207
Filter5 FPM	-	183
Filter6 FPM	-	201
Filter7 FPM	-	175
Filter8 FPM	-	158
Filter9 FPM	-	151
Filter Ave FPM(corr)	-	179
CFM	2550	2610

Cooking Equipment	
	Actual
Item 1	GRITTLE
Item 2	FRYER

Test Data Supply		
	Design	Actual
Total Area	10.31"	10.31"
Kv factor (Vel)	0.81"	0.81"
Num of Readings	-	9
Reading1 FPM	-	145
Reading2 FPM	-	134
Reading3 FPM	-	126
Reading4 FPM	-	111
Reading5 FPM	-	114
Reading6 FPM	-	101
Reading7 FPM	-	100
Reading8 FPM	-	118
Reading9 FPM	-	102
Ave FPM(corr)	-	116
CFM	1300	1196

Completed By: Sagar Patel on 07/23/2025