

Report By:

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



Report: EVALUATION
Function: Test, Adjust, & Balance
Date: 10/31/2024
Completed By: National TAB

PROJECT
Chili's - Lady Lake, FL

1206 Avenida Central

Lady Lake, FL 32159

Client

Brinker
3000 Olympus Blvd
Coppell, TX 75019

National TAB

Project: Chili's - Lady Lake, FL

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Summary

The purpose of this building evaluation at Chilis in Lady Lake, FL was to address concerns about humidity issues within the building as well as address general issues within the HVAC system.

Upon initial inspection of the inside of the building, building pressure was extremely negative with an average of $-0.0518''$. Exposed ductwork over the bar and general dining area had condensation on the bottom of the ductwork from the humidity inside of the building. The temperature of the building is comfortable. All RTUs were found to be in auto mode, so they would only push air when trying to reach a certain temperature.

It is recommended to put all RTUs on constant fan mode during the day and auto mode after closing to keep air moving and the building pressure not as negative when RTUs are off. This will limit the amount of humid air coming into the building when doors are opened. Urgent issues, under remarks in the report, should be resolved in order to resolve the humidity issues within the space as well as to improve the general comfort of the building. After these issues are resolved a general balance should be done on the building to ensure positive pressure of the building and correct airflow on all units to make the building as comfortable as possible.

Issue List

- EF#2 is extremely dirty
- Evaporator coils are dirty on RTU#2 and RTU#3
- Fryer hood and Oven hood have smoke capture issues
- Makeup air pulleys are not alligned
- MUA outside air filters are dirty and slightly damaged
- Outside air filter not secure on RTU#1
- RTU#1 alarm 22: Low Pressure Switch Compressor 1
- RTU#1 humidity sensor is not wired
- RTU#2 blower wheel is dirty
- RTU#3 alarm 32: Comp 1 FRZSTAT
- RTU#3 has dirty final filters
- RTU#3 thermostat display is not functional
- RTUs are on auto mode all day
- Smoke detector dust plug caps need to be removed

Chili's - Lady Lake, FL

Project Issue Information

Issue Name : EF#2 is extremely dirty
Description : EF#2 servicing the left grill hood is full of grease and does not seem to be draining properly. Fan needs to be cleaned and made sure it properly drains grease.
Created By : National TAB **Assigned To :** National TAB - Ian Fuller
Status : Open
Priority : Medium **Asset Tag :**
Originated Date : 11/04/2024 - Ian Fuller - National TAB

Project Issue Response Details

- **11/04/2024** **National TAB - Ian Fuller**



11/04/2024



11/04/2024

Chili's - Lady Lake, FL

Project Issue Information

Issue Name : Fryer hood and Oven hood have smoke capture issues
Description : Both fryer hood and oven hood do not capture all the smoke and is released into the kitchen. There is very little overhang of the hood on both the fryers and the oven.
Created By : National TAB **Assigned To :** National TAB - Ian Fuller
Status : Open
Priority : High **Asset Tag :**
Originated Date : 11/04/2024 - Ian Fuller - National TAB

Project Issue Response Details

- **11/04/2024 National TAB - Ian Fuller**



11/04/2024

Chili's - Lady Lake, FL

Project Issue Information

Issue Name : Makeup air pulleys are not alligned
Description : Pulleys need to be alligned to lengthen the lifespan of belts and the motor.
Created By : National TAB **Assigned To :** National TAB - Ian Fuller
Status : Open
Priority : Medium **Asset Tag :**
Originated Date : 11/04/2024 - Ian Fuller - National TAB

Project Issue Response Details

- **11/04/2024** **National TAB - Ian Fuller**



11/04/2024

Chili's - Lady Lake, FL

Project Issue Information

Issue Name : MUA outside air filters are dirty and slightly damaged
Description : Recommended to clean or replace filters in order to help airflow of the makeup air unit.
Created By : National TAB **Assigned To :** National TAB - Ian Fuller
Status : Open
Priority : Medium **Asset Tag :**
Originated Date : 11/04/2024 - Ian Fuller - National TAB

Project Issue Response Details

- **11/04/2024** **National TAB - Ian Fuller**



11/04/2024



11/04/2024

Chili's - Lady Lake, FL

Project Issue Information

Issue Name : Outside air filter not secure on RTU#1
Description : Outside air filter found laying on roof. Filter was put back into place. Recommended to secure OA filter to the unit.
Created By : National TAB **Assigned To :** National TAB - Ian Fuller
Status : Open
Priority : Medium **Asset Tag :**
Originated Date : 11/04/2024 - Ian Fuller - National TAB

Project Issue Response Details

- **11/04/2024** **National TAB - Ian Fuller**



11/04/2024

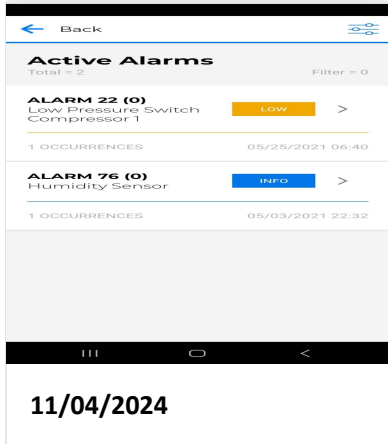
Chili's - Lady Lake, FL

Project Issue Information

Issue Name : RTU#1 alarm 22: Low Pressure Switch Compressor 1
Description : Alarm has shut down use of Compressor 1. Unit is unable to fully cool space.
Created By : National TAB **Assigned To :** National TAB - Ian Fuller
Status : Open
Priority : Urgent **Asset Tag :**
Originated Date : 11/04/2024 - Ian Fuller - National TAB

Project Issue Response Details

- **11/04/2024 National TAB - Ian Fuller**



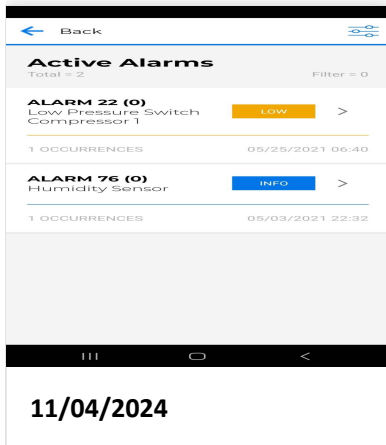
Chili's - Lady Lake, FL

Project Issue Information

Issue Name : RTU#1 humidity sensor is not wired
Description : RTU#1 has humidtrol on its package details, however, there is no humidity sensor wired to unit in order to control humidity of space it services. Recommended to wire humidity sensor to unit in order to dehumidify space.
Created By : National TAB **Assigned To :** National TAB - Ian Fuller
Status : Open
Priority : **Urgent** **Asset Tag :**
Originated Date : 11/04/2024 - Ian Fuller - National TAB

Project Issue Response Details

- **11/04/2024 National TAB - Ian Fuller**



Chili's - Lady Lake, FL

Project Issue Information

Issue Name : RTU#2 blower wheel is dirty
Description : Recommended to clean blower wheel in order to prevent air flow issues.
Created By : National TAB **Assigned To :** National TAB - Ian Fuller
Status : Open
Priority : High **Asset Tag :**
Originated Date : 11/04/2024 - Ian Fuller - National TAB

Project Issue Response Details

- **11/04/2024** **National TAB - Ian Fuller**



11/04/2024

Chili's - Lady Lake, FL

Project Issue Information

Issue Name : RTU#3 alarm 32: Comp 1 FRZSTAT
Description : Alarm has shutdown use of compressor 1. Unit is unable to fully cool space.
Created By : National TAB **Assigned To :** National TAB - Ian Fuller
Status : Open
Priority : Urgent **Asset Tag :**
Originated Date : 11/04/2024 - Ian Fuller - National TAB

Project Issue Response Details

- **11/04/2024 National TAB - Ian Fuller**



11/04/2024

Chili's - Lady Lake, FL

Project Issue Information

Issue Name : RTU#3 has dirty final filters
Description : Final filters are compacted with dirt. Filters need to be replaced.
Created By : National TAB **Assigned To :** National TAB - Ian Fuller
Status : Open
Priority : High **Asset Tag :**
Originated Date : 11/04/2024 - Ian Fuller - National TAB

Project Issue Response Details

- **11/04/2024** **National TAB - Ian Fuller**



11/04/2024

Chili's - Lady Lake, FL

Project Issue Information

Issue Name : RTU#3 thermostat display is not functional
Description : Thermostat display does not work. Staff is unable to control temperature in space. Recommended to replace thermostat.
Created By : National TAB **Assigned To :** National TAB - Ian Fuller
Status : Open
Priority : High **Asset Tag :**
Originated Date : 11/04/2024 - Ian Fuller - National TAB

Project Issue Response Details

- **11/04/2024 National TAB - Ian Fuller**



11/04/2024

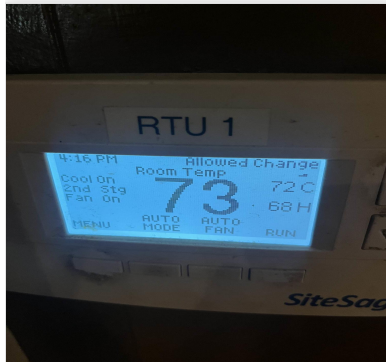
Chili's - Lady Lake, FL

Project Issue Information

Issue Name : RTUs are on auto mode all day
Description : Fans only run to reach temperature inside of space. Fans should run all day to keep pressure of building in order to not bring in humidity.
Created By : National TAB **Assigned To :** National TAB - Ian Fuller
Status : Open
Priority : Urgent **Asset Tag :**
Originated Date : 11/04/2024 - Ian Fuller - National TAB

Project Issue Response Details

- **11/04/2024 National TAB - Ian Fuller**



11/04/2024



Chili's - Lady Lake, FL

Project Issue Information

Issue Name : Smoke detector dust plug caps need to be removed
Description : Dust plug caps need to be removed from RTU#1 and RTU#2
Created By : National TAB **Assigned To :** National TAB - Ian Fuller
Status : Open
Priority : Medium **Asset Tag :**
Originated Date : 11/04/2024 - Ian Fuller - National TAB

Project Issue Response Details

- **11/04/2024** **National TAB - Ian Fuller**



11/04/2024

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
AC-1	BAR		5044	0	4553		491	#DIV/0!	9.7%						
AC-2	DINING		5430	0	4720		710	#DIV/0!	13.1%						
AC-3	KITCHEN		4409	0	3469		940	#DIV/0!	21.3%						
MUA-1	HOOD2 & HOOD3										585				
EF-1	FRYER HOOD												1075		
EF-2	GRILL HOOD LEFT												1042		
EF-3	GRILL HOOD RIGHT												1028		
EF-4	OVEN HOOD												617		
EF-5	RESTROOM														112
EF-6	DISHWASHER FAN														396
TOTALS		0	14883	0	12742	0	2141			0	585	0	3762	0	112

NET BUILDING AIRFLOW CALCULATION

TOTALS	DESIGN	ACTUAL
TOTAL OA	0	2726
TOTAL EXHAUST	0	3874
NET AIRFLOW	0	-1148

DOOR TESTED	BUILDING PRESSURE MEASUREMENTS (IN. H2O)
FRONT	-0.0259
SIDE	
REAR	-0.0777
AVERAGE	-0.0518

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:



National TAB

Project: Chili's - Lady Lake, FL
System/Unit: AHU/RTU



Asset: RTU1

AREA:

Unit Data		
	Design	Actual
MFG	NA	LENNOX
Serial Num	-	5623M05435
Model Num	NA	LGT180H4MS1Y
Type	-	RTU
Configuration	-	VERTICAL
Num OA Filters 1	-	2
OA Filter Size 1	-	23X14
Num Final Filter 1	-	6
Final Filter Size 1	-	24X24X2

Motor Data		
	Design	Actual
Motor MFG	-	US MOTORS
Frame	-	184TZ
Horsepower	-	5.0
Motor Rpm	-	1765
Phase	-	3
Rated Voltage	-	208-230
Rated Amperage	-	13.8-13.0
Service Factor	-	1.15

Drive Data	
	Actual
Motor Sheave Size	4.75"
Motor Bore Size	1.0"
Motor Sheave SetPt	2.5 TURNS OUT
Fan Sheave Size	9.5"
Fan Sheave Bore	1.1875"
Belt CL Distance	20.5"
Num of Belts	1
Belt Size	BX61

Test Data		
	Design	Actual
SF CFM	-	5044
RA CFM	-	4553
OA CFM	-	491
SF Rotation	-	CCW
SF System SetPt	-	60 HZ
RA Damper Position	-	71%
Min OA Damper Position	-	29%
Min OA Damper Type	-	MOTORIZED DAMPER
OA Enthalpy Setpt	-	12

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.30"
Fan Suction SP	-	-0.67"
Total ESP	-	0.42"
Fan Total SP	-	0.79"
OA Temp (db/wb)	-	87 F / 74 F
SA Temp (db/wb)	-	62 F / 58 F

Unit Data - PHOTO LOG



9ABD1AC8_E076_40A1_9E..



49D931EC_9875_4B6D_B4..

Completed By: Ian Fuller on 11/04/2024

Notes:

BAR RTU

INDOOR THERMOSTAT READING(DB/WB): 73 F / 65 F TAKEN AT 4:16 PM

Written By: Ian Fuller on 11/04/2024



National TAB

Project: Chili's - Lady Lake, FL

System/Unit: AHU/RTU



Asset: RTU2

AREA:

Unit Data		
	Design	Actual
MFG	NA	LENNOX
Serial Num	-	5620G02771
Model Num	NA	LGH180H4BS4Y
Type	-	RTU
Configuration	-	VERTICAL\
Num OA Filters 1	-	3
OA Filter Size 1	-	23X13
Num Final Filter 1	-	6
Final Filter Size 1	-	24X24X2

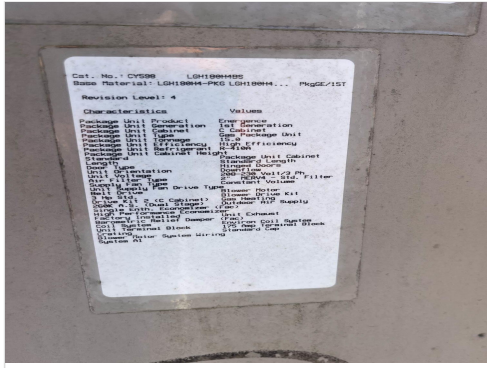
Test Data		
	Design	Actual
SF CFM	-	5430
RA CFM	-	4720
OA CFM	-	710
SF Rotation	-	CCW
SF System SetPt	-	ONE SPEED
RA Damper Position	-	75%
Min OA Damper Position	-	25%
Min OA Damper Type	-	ECONOMIZER
OA Enthalpy Setpt	-	12

Motor Data		
	Design	Actual
Motor MFG	-	INTERLINK
Frame	-	56HZ
Horsepower	-	3.0
Motor Rpm	-	1750
Phase	-	3
Rated Voltage	-	200-230
Rated Amperage	-	8.0-7.8
Service Factor	-	1.15

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.28"
Fan Suction SP	-	0.53
Total ESP	-	0.44"
Fan Total SP	-	0.69"
OA Temp (db/wb)	-	87 F / 74 F
SA Temp (db/wb)	-	54 F / 51 F

Drive Data	
	Actual
Motor Sheave Size	3.75"
Motor Bore Size	0.875"
Motor Sheave SetPt	2.5 TURNS OUT
Fan Sheave Size	6.75"
Fan Sheave Bore	1.1875"
Belt CL Distance	21.5"
Num of Belts	1
Belt Size	BX55

Unit Data - PHOTO LOG



6D1E3E41_E7F5_4CC2_BC..



7A49D49A_97E4_4FB5_9B..

Completed By: Ian Fuller on 11/04/2024

Notes:
DINING RTU
INDOOR THERMOSTAT READING(DB/WB): 73 F / 66 F TAKEN AT 4:21 PM

Written By: Ian Fuller on 11/04/2024



National TAB

Project: Chili's - Lady Lake, FL

System/Unit: AHU/RTU



Asset: RTU3

AREA:

Unit Data		
	Design	Actual
MFG	NA	LENNOX
Serial Num	-	5617H06093
Model Num	NA	LGH180H4BS3Y
Type	-	RTU
Configuration	-	VERTICAL
Num OA Filters 1	-	3
OA Filter Size 1	-	23X13
Num Final Filter 1	-	6
Final Filter Size 1	-	24X24X2

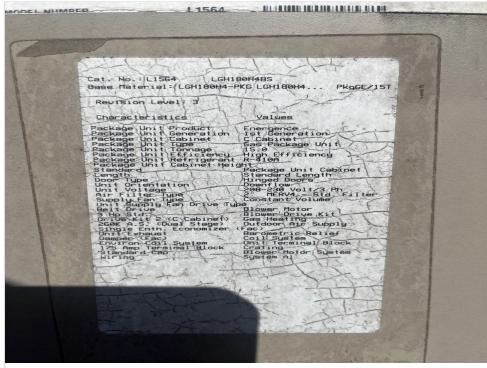
Test Data		
	Design	Actual
SF CFM	-	4409
RA CFM	-	3469
OA CFM	-	940
SF Rotation	-	CCW
SF System SetPt	-	ONE SPEED
RA Damper Position	-	80%
Min OA Damper Position	-	20%
Min OA Damper Type	-	ECONOMIZER
OA Enthalpy Setpt	-	12

Motor Data		
	Design	Actual
Motor MFG	-	INTERLINK
Frame	-	56HZ
Horsepower	-	3.0
Motor Rpm	-	1750
Phase	-	3
Rated Voltage	-	200-230
Rated Amperage	-	8.0-7.8
Service Factor	-	1.15

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.24"
Fan Suction SP	-	-0.40"
Total ESP	-	0.29"
Fan Total SP	-	0.45"
OA Temp (db/wb)	-	87 F / 74 F
SA Temp (db/wb)	-	57 F / 53 F

Drive Data	
	Actual
Motor Sheave Size	3.75"
Motor Bore Size	0.875"
Motor Sheave SetPt	2.5 TURNS OUT
Fan Sheave Size	6.5"
Fan Sheave Bore	1.375"
Belt CL Distance	20.5"
Num of Belts	1
Belt Size	BX55

Unit Data - PHOTO LOG



06F9687D_5F4C_41C6_84..



1255A235_9137_49E2_89..

Completed By: Ian Fuller on 11/04/2024

Notes:

KITCHEN RTU

INDOOR THERMOSTAT READING(DB/WB): 74 F / 66 F TAKEN AT 4:26 PM

Written By: Ian Fuller on 11/04/2024

Asset: EF1

AREA:

Unit Data		
	Design	Actual
MFG	NA	NA
Model Num	NA	NA
Serial Num	-	NA
Type	-	UPBLAST
Configuration	-	VERTICAL

Test Data		
	Design	Actual
CFM	-	1075
Fan Rotation	-	CW

Motor Data		
	Design	Actual
Motor MFG	-	A.O. SMITH
Frame	-	56
Horsepower	-	0.75
Motor Rpm	-	1725
Phase	-	3
Voltage (rated)	-	208-230
Amperage (rated)	-	3.1
Service Factor	-	1.25

Drive Data	
	Actual
Motor Sheave Size	4.25
Motor Bore Size	0.625"
Motor Sheave SetPt	NA
Fan Sheave Size	4.0"
Fan Sheave Bore	0.75"
Belt CL Distance	4.75"
Num of Belts	1
Belt Size	AX20

Unit Data - PHOTO LOG



CD13936D_FB1A_43ED_8D..

Completed By: Ian Fuller on 11/04/2024

Notes:
FRYER EF

Written By: Ian Fuller on 10/31/2024



Asset: EF2

AREA:

Unit Data		
	Design	Actual
MFG	NA	CAPTIVEAIRE
Model Num	NA	DU50HFA
Serial Num	-	5545687
Type	-	UPBLAST
Configuration	-	VERTICAL

Test Data		
	Design	Actual
CFM	-	1042
Fan RPM	-	1693
Fan Rotation	-	CCW
Motor RPM	-	58.9 HZ

Motor Data		
	Design	Actual
Motor MFG	-	HSSA
Frame	-	N/A
Horsepower	-	0.5
Motor Rpm	-	1725
Phase	-	3
Voltage (rated)	-	208-230
Amperage (rated)	-	2.0-2.1
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

Unit Data - PHOTO LOG



DF3FF170_381D_493F_BA..

Completed By: Ian Fuller on 11/04/2024

Notes:
GRILL EXHAUST LEFT

Written By: Ian Fuller on 10/31/2024



Asset: EF3

AREA:

Unit Data		
	Design	Actual
MFG	NA	NA
Model Num	NA	NA
Serial Num	-	NA
Type	-	UTILITY SET
Configuration	-	VERTICAL

Test Data		
	Design	Actual
CFM	-	1028
Fan Rotation	-	CW

Motor Data		
	Design	Actual
Motor MFG	-	MARATHON
Frame	-	145T
Horsepower	-	1.5
Motor Rpm	-	1750
Phase	-	3
Voltage (rated)	-	208-230
Amperage (rated)	-	4.6-4.4
Service Factor	-	1.15

Drive Data	
	Actual
Motor Sheave Size	5.0"
Motor Bore Size	0.875"
Motor Sheave SetPt	0 TURNS OUT
Fan Sheave Size	6.25"
Fan Sheave Bore	1.25"
Belt CL Distance	23.0"
Num of Belts	1
Belt Size	A60

Unit Data - PHOTO LOG



1605309A_21C1_41BC_94..

Completed By: Ian Fuller on 11/04/2024

Notes:
GRILL HOOD RIGHT

Written By: Ian Fuller on 10/31/2024



Asset: EF4

AREA:

Unit Data		
	Design	Actual
MFG	NA	NA
Model Num	NA	NA
Serial Num	-	NA
Type	-	UPBLAST
Configuration	-	VERTICAL

Test Data		
	Design	Actual
CFM	-	617
Fan Rotation	-	CW

Motor Data		
	Design	Actual
Motor MFG	-	MARATHON
Frame	-	56
Horsepower	-	0.5
Motor Rpm	-	1725
Phase	-	1
Voltage (rated)	-	115
Amperage (rated)	-	8.8
Service Factor	-	1.25

Drive Data	
	Actual
Motor Sheave Size	4.25"
Motor Bore Size	0.625"
Motor Sheave SetPt	4.0 TURNS OUT
Fan Sheave Size	4.0"
Fan Sheave Bore	0.75"
Belt CL Distance	5.25"
Num of Belts	1
Belt Size	AX20

Unit Data - PHOTO LOG



EF32A116_4B55_4705_BF..

Completed By: Ian Fuller on 11/04/2024

Notes:
OVEN EXHAUST

Written By: Ian Fuller on 10/31/2024

Asset: EF5

AREA:

Unit Data		
	Design	Actual
MFG	N/A	N/A
Model Num	N/A	N/A
Serial Num	-	N/A
Type	-	DOWNBLAST
Configuration	-	VERTICAL

Test Data		
	Design	Actual
CFM	-	112
Fan RPM	-	MAX
Fan Rotation	-	CCW

Unit Data - PHOTO LOG



C614FA77_B4C7_43B5_91..

Completed By: Ian Fuller on 11/04/2024

Notes:
RESTROOM EXHAUST FAN
UNABLE TO READ MOTOR STICKER DATA

Written By: Ian Fuller on 11/04/2024



Asset: EF6

AREA:

Unit Data		
	Design	Actual
MFG	N/A	N/A
Model Num	N/A	N/A
Serial Num	-	N/A
Type	-	UPBLAST
Configuration	-	VERTICAL

Test Data		
	Design	Actual
CFM	-	396
Fan RPM	-	1140
Fan Rotation	-	CCW
System SetPt	-	MAX

Motor Data		
	Design	Actual
Motor MFG	-	US MOTORS
Frame	-	N/A
Horsepower	-	0.2
Motor Rpm	-	1140
Phase	-	1
Voltage (rated)	-	115
Amperage (rated)	-	2.2
Service Factor	-	N/A

Unit Data - PHOTO LOG



DA1D8DA8_311B_456C_94..

Completed By: Ian Fuller on 11/04/2024

Notes:
GREEN UPBLAST FAN

Written By: Ian Fuller on 10/31/2024



National TAB

Project: Chili's - Lady Lake, FL

System/Unit: FAN - Supply



Asset: MUA1

AREA:

Unit Data		
	Design	Actual
MFG	NA	NA
Model Num	NA	NA
Serial Num	-	NA
Type	-	MUA
Configuration	-	VERTICAL

Motor Data		
	Design	Actual
Motor MFG	-	MARATHON
Frame	-	56
Horsepower	-	0.75
Motor Rpm	-	1725
Phase	-	3
Voltage (rated)	-	208-230
Amperage (rated)	-	3.3-3.0
Service Factor	-	1.25

Drive Data	
	Actual
Motor Sheave Size	MVL44B
Motor Bore Size	0.625"
Fan Sheave Size	6.5"
Fan Sheave Bore	0.875"
Belt CL Distance	13.5"
Num of Belts	1
Belt Size	A41
Belt Alignment Verified	NOT ALLIGNED

Gas Heat		
	Design	Actual
Heater Operates (y/n)	-	N/A
Flame Status (pass/fail)	-	N/A
Inlet Air Temp SetPt	-	N/A
Discharge Air Temp SetPt	-	N/A
Air Flow Switch SP Actual	-	N/A

Test Data		
	Design	Actual
CFM	-	585
SF System SetPt	-	ONE SPEED
RL Amperage	-	3

General	
	Actual
Fan Rotation Correct	YES

Unit Data - PHOTO LOG



9A90BD5F_6B74_42EA_B5..

Completed By: Ian Fuller on 11/04/2024

Notes:
AVG VEL: 141 FPM AT INTAKE

Written By: Ian Fuller on 11/04/2024

System/Unit: Kitchen Hood Type I

Asset: HD1

AREA:

Unit Data		
	Design	Actual
MFG	NA	HALTON
Model Num	NA	NA
Type	-	TYPE II LOW PROXIMITY

Test Data Exhaust		
	Design	Actual
Filter Type	-	BAFFLE
Filter Size 1	-	19.5X13.5
Filter Qty 1	-	4
Filter AK factor size 1	-	1.67
Filter Total AK Area	-	6.68
Filter1 FPM	-	180
Filter2 FPM	-	130
Filter3 FPM	-	142
Filter4 FPM	-	192
Filter Ave FPM(corr)	-	161
CFM	-	1075

Cooking Equipment	
	Actual
Item 1	FRYER

Unit Data - PHOTO LOG



20241031_100511_83005..

Completed By: Ian Fuller on 11/04/2024

Notes:
FRYER HOOD

Written By: Ian Fuller on 10/31/2024



Asset: HD2

AREA:

Unit Data		
	Design	Actual
MFG	NA	HALTON
Model Num	NA	NA
Job / Serial Num	-	NA
Type	-	TYPE II LOW PROXIMITY
Supply Plenum Type	-	SHORT CYCLE

Test Data Exhaust		
	Design	Actual
Filter Type	-	K.S.A. FILTERS
Filter Size 1	-	19.5X13.5
Filter Qty 1	-	3
Filter AK factor size 1	-	1.67
Filter Total AK Area	-	5.01
Filter1 FPM	-	217
Filter2 FPM	-	218
Filter3 FPM	-	191
Filter Ave FPM(corr)	-	208
CFM	-	1042

Cooking Equipment	
	Actual
Item 1	GRILL

Unit Data - PHOTO LOG



9F67C5FA_1742_40F1_B8..

Completed By: Ian Fuller on 11/04/2024

Notes:
GRILL HOOD LEFT

Written By: Ian Fuller on 10/31/2024



Asset: HD3

AREA:

Unit Data		
	Design	Actual
MFG	NA	HALTON
Model Num	NA	NA
Job / Serial Num	-	NA
Type	-	TYPE II LOW PROXIMITY
Supply Plenum Type	-	SHORT CYCLE

Test Data Exhaust		
	Design	Actual
Filter Type	-	KSA FILTERS
Filter Size 1	-	19.5X13.5
Filter Qty 1	-	4
Filter AK factor size 1	-	1.67
Filter Total AK Area	-	6.68
Filter1 FPM	-	147
Filter2 FPM	-	153
Filter3 FPM	-	160
Filter4 FPM	-	158
Filter Ave FPM(corr)	-	154
CFM	-	1028

Cooking Equipment	
	Actual
Item 1	ROASTER

Unit Data - PHOTO LOG



1E3FBF09_A3E2_4BFF_B9..

Completed By: Ian Fuller on 11/04/2024

Notes:
GRILL HOOD RIGHT

Written By: Ian Fuller on 10/31/2024



Asset: HD4

AREA:

Unit Data		
	Design	Actual
MFG	N/A	HALTON
Model Num	N/A	N/A
Job / Serial Num	-	N/A
Type	-	TYPE II LOW PROXIMITY

Test Data Exhaust		
	Design	Actual
Filter Type	-	BAFFLE
Filter Size 1	-	20X16
Filter Qty 1	-	3
Filter AK factor size 1	-	2.08
Filter Total AK Area	-	6.24
Filter1 FPM	-	94
Filter2 FPM	-	107
Filter3 FPM	-	96
Filter Ave FPM(corr)	-	99
CFM	-	617

Cooking Equipment	
	Actual
Item 1	OVEN

Unit Data - PHOTO LOG



832BEF44_C446_4345_AA..

Completed By: Ian Fuller on 11/04/2024

Notes:
OVEN HOOD
5.5" overhang

Written By: Ian Fuller on 10/31/2024

