

**Report By:**

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

**NATIONAL**

**TAB**

Comfort. Under control.

**Report: REVIVE REPORT  
Function: Test, Adjust, & Balance  
Date: 03/10/2023**

# **PROJECT**

**02-20-23 FREDDY'S - MCDONOUGH, GA  
(REVIVE)**

1410 HWY 20 W

MCDONOUGH , GA

## **Client**

JRI Hospitality Management  
621 Westport Blvd  
Salina, KS 67401

# National TAB

Project: 02-20-23 FREDDY'S - MCDONOUGH, GA (REVIVE)

## Table Of Contents

<b>Section</b>	<b>Page #</b>
Issue Data	3
Pictures	15
AHU/RTU	16
FAN - Exhaust	17
FAN - Supply	19
Kitchen Hood Type I	20
GRD Layout	21



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## 02-20-23 FREDDY'S - MCDONOUGH, GA (REVIVE)

### Project Issue Information

**Issue Name :** 01 - Grill not centered

**Description :** Grill is not centered under the hood and is primary reason for the poor smoke capture. Island hood needs 12" of overhang on all sides. The only smoke loss is noted on the side without overhang.

**Created By :** National TAB

**Assigned To :** National TAB - Will Turnbough

**Status :** Open

**Originated Date :** 02/27/2023 - Will Turnbough - National TAB

#### Project Issue File Details



Grillright.jpeg



Grillleft.jpeg



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## 02-20-23 FREDDY'S - MCDONOUGH, GA (REVIVE)

### Project Issue Information

**Issue Name :** 02 - RTU FAN CABINET

**Description :** FAN CABINET DIRTY

**Created By :** National TAB

**Assigned To :** National TAB - William Patton

**Status :** Open

**Originated Date :** 02/23/2023 - William Patton - National TAB

#### Project Issue File Details



RTU3FANCABINET.jpeg

#### Project Issue Response Details

- **03/10/2023** National TAB - Will Turnbough
  - Typical of all units



Blower1.jpeg



Blower2.jpeg



Rtu\_compartment.jpeg





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## 02-20-23 FREDDY'S - MCDONOUGH, GA (REVIVE)

### Project Issue Information

**Issue Name :** 03 - RTU adjustable motor pulleys

**Description :** Recommend ensuring that the adjustable motor pulleys for all RTU's can be adjusted so that airflows can be balanced. If they are found to be seized recommend breaking free or ordering a new identical pulley.

**Created By :** National TAB

**Assigned To :** National TAB - Will Turnbough

**Status :** Open

**Originated Date :** 03/10/2023 - Will Turnbough - National TAB



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## 02-20-23 FREDDY'S - MCDONOUGH, GA (REVIVE)

### Project Issue Information

**Issue Name :** 04 - Diffusers throughout kitchen are dirty

**Description :** Recommend cleaning

**Created By :** National TAB

**Assigned To :** National TAB - Will Turnbough

**Status :** Open

**Originated Date :** 02/27/2023 - Will Turnbough - National TAB

#### Project Issue File Details



Diffuser1.jpeg



Diffuser2.jpeg



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## 02-20-23 FREDDY'S - MCDONOUGH, GA (REVIVE)

### Project Issue Information

**Issue Name :** 05 - ACPSP is dirty

**Description :** Recommend dropping the AC-bsp portion and cleaning the top and bottom of the perforated grilles.

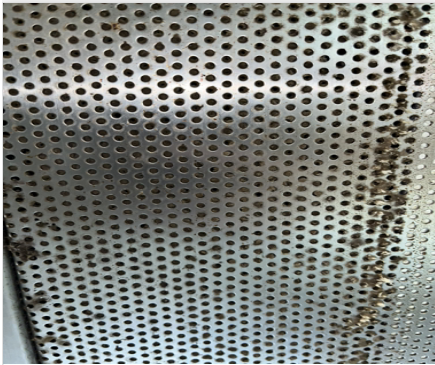
**Created By :** National TAB

**Assigned To :** National TAB - Will Turnbough

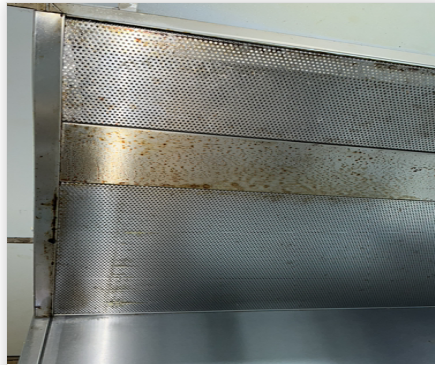
**Status :** Open

**Originated Date :** 03/10/2023 - Will Turnbough - National TAB

#### Project Issue File Details



Acsp.jpeg



Acsp2.jpeg



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## 02-20-23 FREDDY'S - MCDONOUGH, GA (REVIVE)

### Project Issue Information

**Issue Name :** 06 - RTU3 coil

**Description :** RTU3 evaporator coil is starting to freeze. Likely due to low airflow

**Created By :** National TAB

**Assigned To :** National TAB - Will Turnbough

**Status :** Open

**Originated Date :** 03/10/2023 - Will Turnbough - National TAB

#### Project Issue File Details



Rtu3coil.jpeg



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## 02-20-23 FREDDY'S - MCDONOUGH, GA (REVIVE)

### Project Issue Information

**Issue Name :** 07 - 4 way diffusers

**Description :** Recommend changing 4 way diffusers in the kitchen to perforated style. 4 way diffusers near the hood cause drafts which result in poor hood capture

**Created By :** National TAB

**Assigned To :** National TAB - Will Turnbough

**Status :** Open

**Originated Date :** 02/27/2023 - Will Turnbough - National TAB

#### Project Issue File Details



4ways.jpeg



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## 02-20-23 FREDDY'S - MCDONOUGH, GA (REVIVE)

### Project Issue Information

**Issue Name :** 08 - RTU3 Economizer

**Description :** Rtu3 economizer was found unplugged. Plugged in but damper didn't move. Recommend repair

**Created By :** National TAB

**Assigned To :** National TAB - Will Turnbough

**Status :** Open

**Originated Date :** 03/10/2023 - Will Turnbough - National TAB

#### Project Issue File Details



Econ3.jpeg



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## 02-20-23 FREDDY'S - MCDONOUGH, GA (REVIVE)

### Project Issue Information

**Issue Name :** 09 - Drive thru door and air curtain not functional

**Description :** Door and air curtain need to be repaired to prevent air drafts when door is open. The draft travels thru the space and makes smoke capture worse on fryer and griddle.

**Created By :** National TAB

**Assigned To :** National TAB - Will Turnbough

**Status :** Open

**Originated Date :** 02/27/2023 - Will Turnbough - National TAB

#### Project Issue File Details



Driverthru.jpeg

#### Project Issue Response Details

- **02/27/2023 National TAB - Will Turnbough**
  - Video of fryer capture when the drive thru door is open and air curtain not operational
    1. [Open](#) FryerVideo.MOV



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## 02-20-23 FREDDY'S - MCDONOUGH, GA (REVIVE)

### Project Issue Information

**Issue Name :** 10 - RTU-3 OA filter is dirty

**Description :** Recommend cleaning.

**Created By :** National TAB

**Assigned To :** National TAB - William Patton

**Status :** Open

**Originated Date :** 02/23/2023 - William Patton - National TAB

#### Project Issue File Details



RTU3FILTER.jpeg



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## 02-20-23 FREDDY'S - MCDONOUGH, GA (REVIVE)

### Project Issue Information

**Issue Name :** 11 - CONDENSATE LINES

**Description :** Condensate drain lines found disconnected for all units. Recommend reconnecting. Water is pooling on the roof.

**Created By :** National TAB

**Assigned To :** National TAB - William Patton

**Status :** Open

**Originated Date :** 02/23/2023 - William Patton - National TAB

#### Project Issue File Details



CONDENSATE-RTU3.jpeg



CONDENSATE-RTU2.jpeg



CONDENSATE-RTU1.jpeg



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### 02-20-23 FREDDY'S - MCDONOUGH, GA (REVIVE)

#### CheckList Information

**Name :** TECH - SITE PICTURES **Status :** NotSubmitted  
**Assigned Organization :** National TAB **Asset :**  
**Requesting Organization :** National TAB

#### CheckList Item Details

STORE FRONT

RTU-1

RTU-2

RTU-3

KEF-1

KEF-2

EF-1

EF-2

MUA-1

HOOD-1

HOOD-2

**Notes/Comments :**



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Project: 02-20-23 FREDDY'S - MCDONOUGH, GA (REVIVE)

System/Unit: FAN - Exhaust



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Asset: KEF1

AREA:KEH-2

Unit Data		
	Design	Actual
<b>MFG</b>	CAPTIVEAIRE	CAPTIVEAIRE
<b>Model Num</b>	NCA16HPFA	NCA16HPFA
<b>Serial Num</b>	-	1889993
<b>Type</b>	UPBLAST	UPBLAST
<b>Configuration</b>	VERTICAL	VERTICAL

Test Data		
	Design	Actual
<b>CFM</b>	2076	1983
<b>RL Voltage</b>	-	212/212/213
<b>RL Amperage</b>	-	2.9/2.9/2.8

Motor Data		
	Design	Actual
<b>Horsepower</b>	1.0	1
<b>Phase</b>	3	3
<b>Voltage (rated)</b>	208	208
<b>Amperage (rated)</b>	-	3.3

Drive Data		
	Design	Actual

Completed By: Will Turnbough

Notes:

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Project: 02-20-23 FREDDY'S - MCDONOUGH, GA (REVIVE)

System/Unit: FAN - Exhaust



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Asset: KEF2

AREA:KEH-1

Unit Data		
	Design	Actual
MFG	CAPTIVEAIRE	CAPTIVEAIRE
Model Num	NCA8FA	NCA8FA
Serial Num	-	1889993
Type	UPBLAST	UPBLAST
Configuration	VERTICAL	VERTICAL

Test Data		
	Design	Actual
CFM	825	899
RL Voltage	-	123
RL Amperage	-	6.5

Motor Data		
	Design	Actual
Horsepower	0.5	0.5
Phase	1	1
Voltage (rated)	115	115
Amperage (rated)	-	8

Drive Data		
	Design	Actual

Completed By: Will Turnbough

Notes:

# National TAB

Project: 02-20-23 FREDDY'S - MCDONOUGH, GA (REVIVE)

## System/Unit: FAN - Supply



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Asset: MUA-1

AREA:

Unit Data		
	Design	Actual
MFG	CAPTIVEAIRE	CAPTIVEAIRE
Model Num	A1-D.250-G10	A1-D.250-G10
Serial Num	-	1889993
Type	MUA	MUA
Configuration	VERTICAL	VERTICAL

Test Data		
	Design	Actual
CFM	2321	1072
SF RPM	1109	957
Motor RPM	-	1777
RL Voltage	-	211/211/212
RL Amperage	-	2.5/2.2/2.3

Motor Data		
	Design	Actual
Motor MFG	-	Century
Frame	-	J56
Horsepower	1.5	1.0
Motor Rpm	-	1725
Phase	3	3
Voltage (rated)	208	200-230/460
Amperage (rated)	-	3.4-3.6/1.8
Service Factor	-	1.25

General		
	Design	Actual
Fan Rotation Correct	-	YES

Drive Data		
	Design	Actual
Motor Sheave Size	-	1VL40
Motor Bore Size	-	5/8"
Fan Sheave Size	-	AK54
Fan Sheave Bore	-	3/4"
Belt CL Distance	-	15 5/8"
Num of Belts	-	1
Belt Size	-	AX40

Gas Heat		
	Design	Actual
Heater Operates (y/n)	-	YES
Flame Status (pass/fail)	-	PASS
Inlet Air Temp SetPt	55	50
Discharge Air Temp SetPt	60	55
Air Flow Switch SP Actual	-	.22

Completed By: Will Turnbough

Notes:



