

## **Addendum to TAB report – Smoke Detector Testing**

The following document is provided from a testing agency hired by the general contractor to meet smoke detector testing requirements from Broward County. The document was reviewed by National TAB to confirm that the measured pressure falls within the manufacturer's required tolerance. The testing equipment used as reported on the equipment calibration sheet is a satisfactory manufacturer and model and has a valid calibration date. Manufacturer specifications were reviewed to confirm the reported range on the contractor's report. Based on the report and manufacturer information, the measured pressure at the smoke detectors falls within the acceptable range.

William Turnbough  
NEBB Certified Professional  
Vice President of National Markets  
[will@nationaltab.com](mailto:will@nationaltab.com)  
314-954-6244



# Certified Test; Adjust; Balance Report.

PO Box 7606  
Naples, FL 34101  
Phone: (239) 822-3640  
Website: [www.pes-tab.com](http://www.pes-tab.com)

## Premier Energy Solutions, Inc.

**Project:** Chipotle Store # 4437 Smoke Detector Testing  
**Location:** 3311 W Hillsboro Blvd, Deerfield Beach, FL 33442  
**Architect:** N/P  
**Engineer:** N/P  
**Contractor:** Air American Service, Inc

**Project Number – PE-1694**

This is to certify that Premier Energy Solutions, Inc has tested and balanced the systems in accordance with the project plans and specifications and to the optimum performance capabilities of the equipment. Testing and balancing were performed in accordance with the standards published by the Associated Air Balance Council. The results of these tests are recorded herein.

**Submitted & certified by:** Premier Energy Solutions, Inc  
**Certification Number:** 19-09-59  
**Report Date:** 12/22/23

**AABC TBE Signature:**





**Associated Air Balance Council**

*Annual Membership Certificate*

*Awarded to*

**Premier Energy Solutions, Inc.**

*as a member in good standing of the Associated Air Balance Council for the year*

**2023**

*This member has met all requirements for membership and is entitled to all rights and privileges of AABC certification. This certificate is renewable on an annual basis and expires December 31, 2023.*



  
Gaylon Richardson, *President*

  
Raymond R. Bert, *Executive Director*



**Associated Air Balance Council**

**Annual Certificate**

*Awarded to*

**Alexander J. Rendon, TBE**

Premier Energy Solutions, Inc.

*In recognition of his qualifications as a*

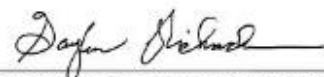
*Certified Test and Balance Engineer*

*under the rules, regulations, and requirements of the Associated Air Balance Council. The above named is fully authorized to perform total system balance in accordance with the standards as established by the AABC and as a member of the Associated Air Balance Council for the year*

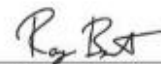
**2023**

*This registration number **19-09-59** is fully recognized by the bylaws and charter of this professional association. Certification is renewable on an annual basis after examination of the agency's record for the preceding year. This certificate expires December 31, 2023.*





Gaylon Richardson, President



Raymond R. Bert, Executive Director

## CODE DESCRIPTION SHEET

<u>CODE</u>	<u>DESCRIPTION</u>	<u>CODE</u>	<u>DESCRIPTION</u>
#	Number	LT	Light troffer
DP	Differential Pressure	LWT	Leaving water temperature
DT	Differential Temperature	MAX	Maximum
%	Percent	MBH	Thousand British thermal unit hour
°F	Degree Fahrenheit	MIN	Minimum
@	At	N/A	Not Applicable
ACT	Actual	N/D	Not Determined
ADJ	Adjustment	N/P	Not Provided
AHU	Airhandling unit	N/S	Not Specified
AMPS	Amperage	OED	Opened end duct
AR	Anemometer Reading	OA	Outside air
BHP	Brake Horsepower	PCD	Perforated ceiling diffuser
BTU	British thermal unit	PD	Pressure differential
CD	Ceiling Diffuser	PEG	Perforated exhaust grille
CFM	Cubic feet per minute	PRG	Perforated return grille
CG	Ceiling grille	PSI	Pounds per square inch
COND	Condenser	RA	Return air
CR	Ceiling register	RG	Return air grille
DB	Dry bulb temperature	RR	Return air register
DDC	Direct digital control	REQ'D	Required
DES	Design	RPM	Revolutions per minute
DHR	Direct Hood Reading	SG	Supply air grille
DIFF	Differential	SR	Supply air register
DL	Drum louver	SOED	Screened open end duct
EAT	Entering air temperature	SP	Static pressure
EF	Exhaust fan	SQ	Square
EG	Exhaust grille	TDH	Total dynamic head
ER	Exhaust register	TD	Temperature differential
EWT	Entering water temperature	TE	Traverse exhaust
FPM	Feet per minute	TEMP	Temperature
FPVAV	Fan powered Variable air volume	TOA	Traverse outside air
Ft	Feet	TR	Traverse return air
GPM	Gallons per minute	TS	Traverse supply air
Hz	Hertz	VAV	Variable air volume
IN	Inches	VOLTS	Voltages
KW	Kilowatts	VSC	Variable speed controller
LAT	Leaving air temperature	WB	Wet bulb
LD	Linear slot diffuser	ZD	Zone damper

## INSTRUMENT CALIBRATIONS

FUNCTION	MANUFACTURER	MODEL	SERIAL NUMBER	CALIBRATION DATE	CALIBRATION DUE DATE
Air Data Multimeter	Evergreen	S-PVF-1	1700340	2023-12-02	02 Dec 24
Clamp Multimeter	FLUKE	323	28430158WS	2023-12-01	01 Dec 24
Flow hood	Evergreen	CH-8D	1700288	2023-11-09	09 Nov 24
Hydro Data Multimeter	Evergreen	S-DP-125	1700170	2023-12-02	02 Dec 24
Hydro Data Multimeter	Shortridge	HDM-250	W13002	2023-12-01	01 Dec 24
Psychrometer	Evergreen	PR-T-1	1700382	2023-12-02	02 Dec 24
Rotating Vane Anemometer	EXTECH	AN300	1002010	2023-12-01	01 Dec 24
Tachometer	Extech	461891	Q058326	2023-12-03	03 Dec 24

**This is the listing of the instruments used to obtain the reported data. All instruments comply with minimum function, range, accuracy, resolution, and calibration interval requirements as per AABC Standards.**

## **SUMMARY**

**The scope of our work consists of testing, adjusting, and balancing of air and water systems per plans and specifications.**

**All systems and their associated terminals have been tested, adjusted, and balanced to their specified tolerances and/or optimum performance. Specific notations pertinent to the TAB of individual units, terminals, inlets, and outlets are included in the attached report, along with all final measurements and settings.**

# ***Premier Energy Solutions Inc***

## **Table Of Contents**

**PROJECT:** Chipotle Store # 4437 Smoke Detector Testing  
**LOCATION:** Deerfield Beach, FL  
**PROJECT #:** 1694

**DATE:** 12/22/2023  
**CONTACT:** Alexander Rendon  
**AUTHOR:**

---

## **Table Of Contents**

1 Duct Smoke Detector.....	1
----------------------------	---

# Premier Energy Solutions Inc

## Duct Smoke Detector

**PROJECT:** Chipotle Store # 4437 Smoke Detector Testing  
**LOCATION:** Deerfield Beach, FL  
**PROJECT #:** 1694

**DATE:** 12/22/2023  
**CONTACT:** Alexander Rendon  
**AUTHOR:**

---

System/Unit	Manufacturer	Model #	Location	Design P.D.	Actual P.D.
RTU-1	Telaire	RJ45	Supply Duct	0.005 to 1.0"	0.007
RTU-2	Telaire	RJ45	Supply Duct	0.005 to 1.0"	0.008
<b>Totals:</b>	-	-	-	-	-