

Report By:

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



**Report: TAB Report**  
**Function: Test, Adjust, & Balance**  
**Date: 07/09/2024**

# PROJECT

**07-08-24 ULTA #1708 HARTSDALE, NY**

383 North Central Ave.

Hartsdale, NY 10530

Client

Rectenwald Brothers Construction

# National TAB

Project: 07-08-24 ULTA #1708 HARTSDALE, NY

## Table Of Contents

Section	Page #
Checklist Data	3
FAN - Exhaust	8
GRD Layout	10

## CheckList List

- 1: TECH - SITE PICTURES
- 2: TECH - EF CHECKLIST



## 07-08-24 ULTA #1708 HARTSDALE, NY

### CheckList Information

**Name :** 1: TECH - SITE PICTURES **Status :** Completed  
**Assigned Organization :** National TAB **Asset :**  
**Requesting Organization :** National TAB  
**Created Date :** 07/09/2024 - Brianna Biggs - National TAB  
**Completed Date :** 07/09/2024 - Tyler Youells - National TAB

### CheckList Item Details

STOREFRONT

**Comment:**



IMG\_7334  
07/09/2024

EF-1

**Comment:**



**IMG\_7328**  
**07/09/2024**



### 07-08-24 ULTA #1708 HARTSDALE, NY

#### CheckList Information

**Name :** 2: TECH - EF CHECKLIST **Status :** Completed  
**Assigned Organization :** National TAB **Asset :**  
**Requesting Organization :** National TAB  
**Created Date :** 07/09/2024 - Brianna Biggs - National TAB  
**Completed Date :** 07/09/2024 - Tyler Youells - National TAB

#### CheckList Item Details

**EF's**

Rotation is correct? Yes

**Comment:**

Belts are tight? N/A

**Comment:**

DIRECT DRIVE

Viroguard installed on hood fan(s)? N/A

**Comment:**

Hinge kit installed installed on hood fan? N/A

**Comment:**

Lean fan back. Is grease duct installation adequate and is duct ran all the way to the base of the fan? N/A

**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:**

---

# National TAB

Project: 07-08-24 ULTA #1708 HARTSDALE, NY

## System/Unit: FAN - Exhaust



Asset: EF1

AREA:SALON/HAIRWASH

Unit Data		
	Design	Actual
MFG	LOREN COOK	ACME
Model Num	150ACEB	PRN145EC
Serial Num	-	WK2645756
Type	DOWNBLAST	DOWNBLAST
Configuration	-	VERTICAL

Motor Data		
	Design	Actual
Motor MFG	-	US MOTOR
Frame	-	48Y
Horsepower	1/2	0.5
Motor Rpm	-	1800
Phase	1	1
Voltage (rated)	115	120
Amperage (rated)	-	6.2
Service Factor	-	1

Test Data		
	Design	Actual
CFM	1750	1748
Fan RPM	-	1703
Fan Rotation	-	CW
Motor RPM	-	1703
RL Voltage	-	121.9
RL Amperage	-	6.16
Suction ESP	-	-1.05"
Discharge ESP	-	ATM
Total ESP	0.5"	1.05"

Completed By: Tyler Youells on 07/09/2024

# National TAB

Project:07-08-24 ULTA #1708 HARTSDALE, NY

## FAN - Exhaust



### Diffuser Ret/Exh (GRD)

#### EF1/SALON/HAIRWASH

Asset									
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
EF1-EGRD1	SALON	3	16	1000	1	1001	1001	1001	100.1
EF1-EGRD2	HAIR WASH	3	14	750	1	747	747	747	99.6
Total				1750		1748	1748	1748	99.89%

Completed By: Tyler Youells on 07/09/2024

