

**Report By:**

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



**Report: TAB REPORT**  
**Function: Test, Adjust, & Balance**  
**Date: 11/07/2024**  
**Completed By: National TAB**

**PROJECT**  
**06-24-24 GUADALAJARA - WAUKEE, IA**  
**(HOOD CERT)**

185 WEST HICKMAN RD

WAUKEE, IA 50263

**Client**

Accurex  
PO Box 410  
Schofield, WI 54476

# National TAB

Project: 06-24-24 GUADALAJARA - WAUKEE, IA (HOOD CERT)

## Table Of Contents

Section	Page #
Checklist Data	3
FAN - Exhaust	13
FAN - Supply	16
Kitchen Hood Type I	17

## CheckList List

- HOOD CERTIFICATION CHECKLIST 1
- HOOD CERTIFICATION CHECKLIST 2
- HOOD CERTIFICATION CHECKLIST 3



06-24-24 GUADALAJARA - WAUKEE, IA (HOOD CERT)

CheckList Information

**Name :** HOOD CERTIFICATION CHECKLIST 1      **Status :** Not Completed

**Assigned Organization :** National TAB      **Asset :**

**Requesting Organization :** National TAB

**Created Date :** 06/26/2024 - Brian Turnbough - National TAB

CheckList Item Details

HD-1

Hood Photos

Comment:

Exhaust Fan Photo

Comment:

Is the hood powered and free of alarms?

Comment:

NO

Does hood label match submittal?

Comment:

YES

Do hood dimensions match submittal?

Comment:

YES

Is the hood hung Level?

**Comment:**

YES

---

**Are hood lights installed and are they powered?**

**Comment:**

NO

---

**Are temperature Sensors installed?**

**Comment:**

YES

---

**Are the correct number and size of filters installed, and are they installed correctly?**

**Comment:**

NO

---

**Is the grease cup installed?**

**Comment:**

YES

---

**Are side splashes/skirts installed and do they match the submittal?**

**Comment:**

N/A

---

**Is the backsplash installed and does it match the submittal?**

**Comment:**

YES

---

**Are ceiling enclosures installed and do they match the submittal?**

**Comment:**

YES

---

**Does the appliance line-up match the drawings on submittal?**

**Comment:**

NO APPLIANCES INSTALLED AT THIS TIME

---

**Document any other issues or discrepancies.**

**Comment:**

---

**HOOD CAPTURE TEST**

---

**List equipment turned on for testing:**

---

**Comment:**

---

**Smoke Test Capture - Perimeter of Hood**

---

**Comment:**

---

**Smoke Test Capture - Top of Cooking Surface**

---

**Comment:**

---

**List smoke candle used:**

---

**Comment:**

---



Comfort. Under Control.  
www.nationaltab.com

### 06-24-24 GUADALAJARA - WAUKEE, IA (HOOD CERT)

#### CheckList Information

**Name :** HOOD CERTIFICATION CHECKLIST 2      **Status :** Not Completed

**Assigned Organization :** National TAB      **Asset :**

**Requesting Organization :** National TAB

**Created Date :** 06/26/2024 - Brian Turnbough - National TAB

#### CheckList Item Details

HD-2

Hood Photos

Comment:

Exhaust Fan Photo

Comment:

Is the hood powered and free of alarms?

Comment:

NO

Does hood label match submittal?

Comment:

YES

Do hood dimensions match submittal?

Comment:

YES

Is the hood hung Level?

**Comment:**

YES

---

**Are hood lights installed and are they powered?**

**Comment:**

NO

---

**Are temperature Sensors installed?**

**Comment:**

YES

---

**Are the correct number and size of filters installed, and are they installed correctly?**

**Comment:**

NO

---

**Is the grease cup installed?**

**Comment:**

YES

---

**Are side splashes/skirts installed and do they match the submittal?**

**Comment:**

N/A

---

**Is the backsplash installed and does it match the submittal?**

**Comment:**

YES

---

**Are ceiling enclosures installed and do they match the submittal?**

**Comment:**

YES

---

**Does the appliance line-up match the drawings on submittal?**

**Comment:**

NO APPLIANCES INSTALLED

---

**Document any other issues or discrepancies.**

**Comment:**

---

**HOOD CAPTURE TEST**

---

**List equipment turned on for testing:**

---

**Comment:**

---

**Smoke Test Capture - Perimeter of Hood**

---

**Comment:**

---

**Smoke Test Capture - Top of Cooking Surface**

---

**Comment:**

---

**List smoke candle used:**

---

**Comment:**

---



Comfort. Under Control.  
www.nationaltab.com

### 06-24-24 GUADALAJARA - WAUKEE, IA (HOOD CERT)

#### CheckList Information

**Name :** HOOD CERTIFICATION CHECKLIST 3      **Status :** Not Completed

**Assigned Organization :** National TAB      **Asset :**

**Requesting Organization :** National TAB

**Created Date :** 06/26/2024 - Brian Turnbough - National TAB

#### CheckList Item Details

HD-1

Hood Photos

Comment:

Exhaust Fan Photo

Comment:

Is the hood powered and free of alarms?

Comment:

NO

Does hood label match submittal?

Comment:

YES

Do hood dimensions match submittal?

Comment:

YES

Is the hood hung Level?

**Comment:**

YES

---

**Are hood lights installed and are they powered?**

**Comment:**

NO

---

**Are temperature Sensors installed?**

**Comment:**

YES

---

**Are the correct number and size of filters installed, and are they installed correctly?**

**Comment:**

YES

---

**Is the grease cup installed?**

**Comment:**

YES

---

**Are side splashes/skirts installed and do they match the submittal?**

**Comment:**

N/A

---

**Is the backsplash installed and does it match the submittal?**

**Comment:**

YES

---

**Are ceiling enclosures installed and do they match the submittal?**

**Comment:**

YES

---

**Does the appliance line-up match the drawings on submittal?**

**Comment:**

NO APPLIANCES INSTALLED YET

---

**Document any other issues or discrepancies.**

**Comment:**

NO ANSUL SYSTEM INSTALLED YET

**HOOD CAPTURE TEST**

---

**List equipment turned on for testing:**

---

**Comment:**

---

**Smoke Test Capture - Perimeter of Hood**

---

**Comment:**

---

**Smoke Test Capture - Top of Cooking Surface**

---

**Comment:**

---

**List smoke candle used:**

---

**Comment:**

---



# National TAB

Project: 06-24-24 GUADALAJARA - WAUKEE, IA (HOOD CERT)



## System/Unit: FAN - Exhaust

Asset: EF1

AREA:

Unit Data		
	Design	Actual
<b>MFG</b>	ACCUREX	ACCUREX
<b>Model Num</b>	XCUE-140-VG	XCUE-140-VG
<b>Serial Num</b>	-	
<b>Type</b>	UPBLAST	
<b>Configuration</b>	VERTICAL	

Motor Data		
	Design	Actual
<b>Motor MFG</b>	-	
<b>Frame</b>	-	
<b>Horsepower</b>	1	
<b>Motor Rpm</b>	-	
<b>Phase</b>	1	
<b>Voltage (rated)</b>	208	
<b>Amperage (rated)</b>	-	
<b>Service Factor</b>	-	

Test Data		
	Design	Actual
<b>CFM</b>	2000	
<b>Fan RPM</b>	1603	
<b>Fan Rotation</b>	-	
<b>Motor RPM</b>	-	
<b>System SetPt</b>	-	
<b>RL Voltage</b>	-	
<b>RL Amperage</b>	-	
<b>Total ESP</b>	1.2"	
<b>Fan Inlet SP</b>	-	
<b>Fan Discharge SP</b>	-	



# National TAB

Project: 06-24-24 GUADALAJARA - WAUKEE, IA (HOOD CERT)



## System/Unit: FAN - Exhaust

Asset: EF2

AREA:

Unit Data		
	Design	Actual
MFG	ACCUREX	ACCUREX
Model Num	XCUE-140-VG	XCUE-140-VG
Serial Num	-	
Type	UPBLAST	
Configuration	VERTICAL	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	1	
Motor Rpm	-	
Phase	1	
Voltage (rated)	208	
Amperage (rated)	-	
Service Factor	-	

Test Data		
	Design	Actual
CFM	2000	
Fan RPM	1603	
Fan Rotation	-	
Motor RPM	-	
System SetPt	-	
RL Voltage	-	
RL Amperage	-	
Total ESP	1.2"	
Fan Inlet SP	-	
Fan Discharge SP	-	



# National TAB

Project: 06-24-24 GUADALAJARA - WAUKEE, IA (HOOD CERT)



## System/Unit: FAN - Exhaust

Asset: EF3

AREA:

Unit Data		
	Design	Actual
MFG	ACCUREX	ACCUREX
Model Num	XCUE-160-A	XCUE-160-A
Serial Num	-	
Type	UPBLAST	
Configuration	VERTICAL	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	1	
Motor Rpm	-	
Phase	1	
Voltage (rated)	208	
Amperage (rated)	-	
Service Factor	-	

Test Data		
	Design	Actual
CFM	2000	
Fan RPM	1603	
Fan Rotation	-	
Motor RPM	-	
System SetPt	-	
RL Voltage	-	
RL Amperage	-	
Total ESP	1.2"	
Fan Inlet SP	-	
Fan Discharge SP	-	



# National TAB

Project: 06-24-24 GUADALAJARA - WAUKEE, IA (HOOD CERT)



## System/Unit: FAN - Supply

Asset: MUA1

AREA:

Unit Data		
	Design	Actual
MFG	ACCUREX	ACCUREX
Model Num	XDGX-P120-H32-MF-10	XDGX-P120-H32-MF-10
Serial Num	-	
Type	MUA	
Configuration	VERTICAL	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	5	
Motor Rpm	-	
Phase	3	
Voltage (rated)	208	
Amperage (rated)	-	
Service Factor	-	

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

Test Data		
	Design	Actual
CFM	6120	
SF RPM	-	
Motor RPM	-	
SF System SetPt	-	
RL Voltage	-	
RL Amperage	-	
Total ESP	-	
Fan Discharge SP	-	

General	
	Actual
Fan Rotation Correct	



# National TAB

Project: 06-24-24 GUADALAJARA - WAUKEE, IA (HOOD CERT)



## System/Unit: Kitchen Hood Type I

Asset: HD1

AREA:

Unit Data		
	Design	Actual
MFG	ACCUREX	ACCUREX
Model Num	XXEW-100-S	XXEW-100.00-S
Job / Serial Num	-	24148846
Type	TYPE 1 CANOPY	TYPE I CANOPY
Hood length	100"	100"
Hood Width	54"	54"
Supply Plenum Type	-	ACPSP
Supply Plenum Width	18"	18"
Supply Plenum Length	112"	101"

Test Data Exhaust		
	Design	Actual
Filter Type	XTRACTOR	XTRACTOR
Filter Size 1	16X20	16X20
Filter Size 2	20X20	20X20
Filter Qty 1	5	5
Filter Qty 2	1	1
Filter AK factor size 1	10.00	10.00
Filters AK factor size 2	3	3
Filter Total AK Area	13.00	13.00
Filter1 FPM	-	
Filter2 FPM	-	
Filter3 FPM	-	
Filter4 FPM	-	
Filter5 FPM	-	
Filter6 FPM	-	
Filter Ave FPM(corr)	-	
CFM	2000	

Cooking Equipment	
	Actual
Item 1	
Item 2	
Item 3	
Item 4	
Item 5	

Test Data Supply		
	Design	Actual
Total AK Area	12.63	12.63
Kv factor (Vel)	-	0.88
Num of Readings	-	
Reading1 FPM	-	
Reading2 FPM	-	
Reading3 FPM	-	
Reading4 FPM	-	
Reading5 FPM	-	
Reading6 FPM	-	
Reading7 FPM	-	
Reading8 FPM	-	
Reading9 FPM	-	
Reading10 FPM	-	
Reading11 FPM	-	
Reading12 FPM	-	
Reading13 FPM	-	
Reading14 FPM	-	
Ave FPM(corr)	-	
CFM	1893	



# National TAB

Project: 06-24-24 GUADALAJARA - WAUKEE, IA (HOOD CERT)



## System/Unit: Kitchen Hood Type I

Asset: HD2

AREA:

Unit Data		
	Design	Actual
MFG	ACCUREX	ACCUREX
Model Num	XXEW-100-S	XXEW-100.00-S
Job / Serial Num	-	24148849
Type	TYPE 1 CANOPY	TYPE I CANOPY
Hood length	100"	100"
Hood Width	54"	54"
Supply Plenum Type	-	ACPSP
Supply Plenum Width	18"	18"
Supply Plenum Length	101"	112"

Test Data Exhaust		
	Design	Actual
Filter Type	XTRACTOR	EXTRACTOR
Filter Size 1	16X20	16X20
Filter Size 2	20X20	20X20
Filter Qty 1	5	5
Filter Qty 2	1	1
Filter AK factor size 1	10.00	10.00
Filters AK factor size 2	3.00	3.00
Filter Total AK Area	13.00	13.00
Filter1 FPM	-	
Filter2 FPM	-	
Filter3 FPM	-	
Filter4 FPM	-	
Filter5 FPM	-	
Filter6 FPM	-	
Filter7 FPM	-	
Filter8 FPM	-	
Filter9 FPM	-	
Filter10 FPM	-	
Filter11 FPM	-	
Filter12 FPM	-	
Filter Ave FPM(corr)	-	
CFM	2000	

Cooking Equipment	
	Actual
Item 1	
Item 2	
Item 3	
Item 4	
Item 5	

Test Data Supply		
	Design	Actual
Total AK Area	-	14
Kv factor (Vel)	-	0.88
Num of Readings	-	
Reading1 FPM	-	
Reading2 FPM	-	
Reading3 FPM	-	
Reading4 FPM	-	
Reading5 FPM	-	
Reading6 FPM	-	
Reading7 FPM	-	
Reading8 FPM	-	
Reading9 FPM	-	
Reading10 FPM	-	
Reading11 FPM	-	
Reading12 FPM	-	
Reading13 FPM	-	
Reading14 FPM	-	
Ave FPM(corr)	-	
CFM	1707	



# National TAB

Project: 06-24-24 GUADALAJARA - WAUKEE, IA (HOOD CERT)



## System/Unit: Kitchen Hood Type I

Asset: HD3

AREA:

Unit Data		
	Design	Actual
MFG	ACCUREX	ACCUREX
Model Num	XXEW-144-S	XXEW-144.00-S
Job / Serial Num	-	24148851
Type	TYPE 1 CANOPY	TYPE I CANOPY
Hood length	144"	144"
Hood Width	54"	54"
Supply Plenum Type	-	ACPSP
Supply Plenum Width	18"	18"
Supply Plenum Length	78.5"	156"

Test Data Exhaust		
	Design	Actual
Filter Type	XTRACTOR	XTRACTOR
Filter Size 1	16X20	16X20
Filter Size 2	20X20	20X20
Filter Qty 1	4	4
Filter Qty 2	4	4
Filter AK factor size 1	8.00	8.00
Filters AK factor size 2	12.00	12.00
Filter Total AK Area	20.00	20.00
Filter1 FPM	-	-
Filter2 FPM	-	-
Filter3 FPM	-	-
Filter4 FPM	-	-
Filter5 FPM	-	-
Filter6 FPM	-	-
Filter7 FPM	-	-
Filter8 FPM	-	-
Filter Ave FPM(corr)	-	-
CFM	2800	

Cooking Equipment	
	Actual
Item 1	
Item 2	
Item 3	
Item 4	
Item 5	

Test Data Supply		
	Design	Actual
Total AK Area	-	19.5
Kv factor (Vel)	-	0.88
Num of Readings	-	
Reading1 FPM	-	
Reading2 FPM	-	
Reading3 FPM	-	
Reading4 FPM	-	
Reading5 FPM	-	
Reading6 FPM	-	
Reading7 FPM	-	
Reading8 FPM	-	
Reading9 FPM	-	
Reading10 FPM	-	
Reading11 FPM	-	
Reading12 FPM	-	
Reading13 FPM	-	
Reading14 FPM	-	
Ave FPM(corr)	-	
CFM	2520	