

Report By:

National TAB
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SUITE 4210
CINCINNATI, OH 45246

NATIONAL

TAB

Comfort. Under control.

Report: FINAL TAB REPORT
Function: Test, Adjust, & Balance
Date: 7/18/2022

PROJECT
07-11 CULVERS - FULSHEAR, TX

6677 FLEWELLEN WAY

FULSHEAR, TX

Client

Accurex

400 Ross Ave

Schofield, WI 54476

National TAB

Project: 07-11 CULVERS - FULSHEAR, TX

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Project Summary

The summary below provides a quick understanding of our scope of work and general testing procedures. Enclosed in the report is further detail about your building performance including recommendations, asset data, and pictures. Our focus is to work with the trades to remedy any issues or deficiencies during the actual field balancing and not after the balancing has occurred to achieve a positive environment and outcome. The level of success is determined by the availability of the trades, possible parts needed, or time constraints.

RTU's (Roof Top Units)

Each of the RTU's were measured at their terminal devices or via traverse to establish a total flow for that unit. Each RTU was adjusted to within tolerance of the engineer's design flow. Each outlet was then adjusted to within tolerance of the design flow. Outside air was measured by reading the intake air opening with a velocity grid and multiplying by the free area. The outside air damper was adjusted until the airflow was within the design requirements. Any equipment that fell outside of that tolerance is noted throughout the report.

Kitchen Exhaust Hood & Associated Fans

Each kitchen exhaust fan was measured at the hood filter bay utilizing a velocity matrix and a manufacturer's correction factor. Each filter velocity is multiplied by the manufacturer's corrected area. The sum of these readings equals the total flow of the exhaust fans. The total flow of the exhaust was then adjusted to within tolerance of the design flow.

General Exhaust Fans

The general exhaust fans were measured by reading each air device with a flow hood. The total airflow for each fan is equivalent to the sum of these readings. Fan speed was then adjusted so that the airflow was within tolerance of design. Each terminal device was balanced to within tolerance of the design volume using the installed volume dampers. Any equipment that fell outside of this tolerance is noted throughout the report.

Final Building Tests

After completing the test and balance, the final building pressure was recorded at +0.011" W.C. average. This pressure falls within the recommended tolerances by the International Mechanical Code of +0.02" W.C. to -0.02" W.C. The building is designed for a net positive pressure and this measurement coincides with that requirement.

The hood capture was tested at the perimeter of the hood and the cook top level with the equipment heat "off" and 100% capture was observed. Cooking equipment was not able to be turned on while the technician was on site.

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CheckList Information

Name :	TECH - STEP 1: INITIAL WALKTHROUGH	Status :	NotSubmitted
Assigned Organization :	National TAB	Asset :	
Requesting Organization :	National TAB		

CheckList Item Details

INITIAL SITE WALKTHROUGH

All diffusers and grilles are installed and match design?

Perforated diffusers are installed on the cook line? (4-ways will disrupt hood capture)

All hood filters installed and accounted for?

Hoods are wired and have power?

Thermostats have power?

Have trades/general contractor been notified about any issues and are they created on FaciliBuild?

On the cookline diffusers neck is there 18" (12" minimum) straight rigid duct run attached?

Notes/Comments :



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CheckList Information

Name :	TECH - STEP 2: UNIT DATA AND EVAL	Status :	NotSubmitted
Assigned Organization :	National TAB	Asset :	
Requesting Organization :	National TAB		

CheckList Item Details

UNIT DATA AND EVALUATION WHILE GATHERING UNIT DATA CHECK THE FOLLOWING:

RTU's/AHU's

Economizers are assembled and functional?

Thermostat wire run from OCP on the RTU to the Ec terminal at the thermostat? If no, jumper can be installed from R to OCP temporarily. (The economizers will not open without OCP being energized.)

Motors are all operating below the FLA rating?

Are belts tight?

If direct drive unit is the speed controller working.

Is gas piping installed and valves turned on?

Unit free of noticeable noise and vibration

EF's

Rotation is correct?

Belts are tight?

Grease cup installed on hood fan?

Hinge kit installed installed on hood fan?

Lean grease rated fans back. Is grease duct installation adequate and is duct ran all the way to the base of the fan?

Flex conduit is long enough so that fan can be completely tilted back?

There is no major leakage around base of fan?

Is the motor operating below the motor FLA rating?

For restroom fan(s) is the back draft damper installed and can it fully open?

Unit free of noticeable noise and vibration?

The hood exhaust fans are installed in correct positions and are not switched?

HOODS

Kitchen equipment installed in proper places?

Can kitchen equipment be turned on for final smoke test?

Second stage Grease Grabber filters are installed on the griddle hood?

DOCUMENTATION

Have trades/general contractor been notified about any issues and are they created on FaciliBuild?

Notes/Comments :



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CheckList Information

Name : TECH - STEP 3: TEST, ADJUST AND BALANCE **Status :** NotSubmitted

Assigned Organization : National TAB **Asset :**

Requesting Organization : National TAB

CheckList Item Details

TEST, ADJUST, AND BALANCE ALL EQUIPMENT:

DURING TESTING MAKE NOTE OF THE FOLLOWING:

Is space free of drafting?

Is space comfortable in all areas?

Is the space free of ventilation noise?

If deviations from design were necessary to resolve 1-3 what were they? Otherwise put "NA".

Notes/Comments :



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CheckList Information

Name :	TECH - STEP 4: FINAL TESTS	Status :	NotSubmitted
Assigned Organization :	National TAB	Asset :	
Requesting Organization :	National TAB		

CheckList Item Details

FINAL TESTS

HOOD CAPTURE TEST

List equipment turned on for testing

List smoke candle type used

Smoke test capture - Perimeter of hood

Smoke test capture - Top of cooking surface

WITNESS

Date test was completed

TAB tech name / Firm

Site super name / Firm

Owner representative name / Firm (if Applicable)

Building pressure at front & back doors (All Systems On)

ADDITIONAL

Do actual net building airflow, design net building airflow, and pressure coincide? If not why? (All three should either be positive or negative)

Thermostats are programmed?

PRODIGY SETTINGS FOR RTU'S

Parameter 65 set to 0

Parameter 78 set to 0

Parameter 105 set to 6

Parameter 156 set to 70 (Dining unit only)

Parameter 156 set to 65 (Kitchen Unit Only)

Parameter 170 set to 75 (Dining Unit Only)

Parameter 170 set to 70 (Kitchen Unit Only)

Parameter 131 set to the same % as OA minimum position?

Parameter 117 set to the same % as OA minimum position?

Notes/Comments :

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Project: 07-11 CULVERS - FULSHEAR, TX

System/Unit: AHU/RTU



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Asset: RTU1

AREA: DINING

Unit Data		
	Design	Actual
MFG	LENNOX	LENNOX
Serial Num	-	5622C08920
Model Num	LGH-240-H4B	LGH240H4BS4Y
Type	-	RTU
Configuration	-	VERTICAL DISC HARGE
Num OA Filters 1	-	3
OA Filter Size 1	-	16x24
Num Final Filter 1	-	6
Final Filter Size 1	-	24x24x2
Num Final Filter 2	-	N/A
Final Filter Size 2	-	N/A

Motor Data		
	Design	Actual
Motor MFG	-	US MOTORS
Frame	-	184TZ
Horsepower	-	5
Motor Rpm	-	1765
Phase	3	3
Rated Voltage	208/230	208
Rated Amperage	-	13.8

Drive Data		
	Design	Actual
Motor Sheave Size	-	1VP50
Motor Bore Size	-	1 1/8"
Motor Sheave SetPt	-	1.0 TURN OPEN
Fan Sheave Size	-	BK100
Fan Sheave Bore	-	1 3/16"
Belt CL Distance	-	20 1/2"
Num of Belts	-	1
Belt Size	-	BX61
Belt Alignment	-	CORRECT

Test Data		
	Design	Actual
SF CFM	6150	5908
SF RPM	-	870
RA CFM	4400	4119
OA CFM	1750	1789
RL Voltage	-	207/209/210
RL Amperage	-	9.7/9.6/9.9
SF Rotation	-	CCW
RA Damper Position	-	66%
Min OA Damper Position	-	34%
Min OA Damper Type	-	OPPOSED BLADE

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.76"
Fan Suction SP	-	-1.02"
Fan Discharge SP	-	0.51"
Total ESP	-	1.27"
Fan Total SP	-	1.53"

General		
	Design	Actual
Fan Rotation Correct	-	YES
Unit Filters Clean	-	YES
Condensate Drain Installed	-	YES

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AHU/RTU



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Diffuser Supply (GRD)

RTU1/DINING

Asset	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)
SGRD1	MAIN ENTRY	SD4	8"	150	1.0	192	202
	FINAL CFM	% to design					
	143	95.3					
SGRD2	MENS RR	SD4	8"	150	1.0	252	259
	FINAL CFM	% to design					
	158	105.3					
SGRD3	WOMENS RR	SD4	8"	150	1.0	228	244
	FINAL CFM	% to design					
	157	104.7					
SGRD4	HALL	SD1	12"	450	1.0	510	537
	FINAL CFM	% to design					
	439	97.6					
SGRD5	DINING	SD1	8"	150	1.0	237	255
	FINAL CFM	% to design					
	152	101.3					
SGRD6	DINING	SD1	8"	150	1.0	139	140
	FINAL CFM	% to design					
	143	95.3					
SGRD7	DINING	SD1	8"	150	1.0	155	166
	FINAL CFM	% to design					
	140	93.3					
SGRD8	DINING	SD1	8"	150	1.0	140	147
	FINAL CFM	% to design					
	137	91.3					
SGRD9	DINING	SD1	8"	150	1.0	152	160
	FINAL CFM	% to design					
	162	108.0					
SGRD10	DINING	SD1	8"	150	1.0	102	108
	FINAL CFM	% to design					
	138	92.0					
SGRD11	DINING	SD1	8"	150	1.0	155	164
	FINAL CFM	% to design					

	160	106.7					
SGRD12	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)
	DINING	SD1	8"	150	1.0	114	119
	FINAL CFM	% to design					
	136	90.7					
SGRD13	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)
	DINING	SD1	8"	150	1.0	43	45
	FINAL CFM	% to design					
	137	91.3					
SGRD14	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)
	DRINKS & CONDIMENT S	SD1	10"	300	1.0	253	275
	FINAL CFM	% to design					
	305	101.7					
SGRD15	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)
	SIDE ENTRY	SD1	8"	150	1.0	249	258
	FINAL CFM	% to design					
	157	104.7					
SGRD16	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)
	CUSTOMER ORDER AREA	SD1	12"	450	1.0	327	339
	FINAL CFM	% to design					
	411	91.3					
SGRD17	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)
	DINING	SD1	8"	150	1.0	192	204
	FINAL CFM	% to design					
	153	102.0					
SGRD18	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)
	DINING	SD1	8"	150	1.0	215	223
	FINAL CFM	% to design					
	148	98.7					
SGRD19	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)
	DINING	SD1	8"	150	1.0	141	143
	FINAL CFM	% to design					
	139	92.7					
SGRD20	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)
	DINING	SD1	8"	150	1.0	188	197
	FINAL CFM	% to design					
	157	104.7					
SGRD21	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)
	DINING	SD1	8"	150	1.0	179	188
	FINAL CFM	% to design					
	160	106.7					
SGRD22	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)
	DINING	SD1	8"	150	1.0	114	120
	FINAL CFM	% to design					
	137	91.3					
SGRD23	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)
	CUSTOMER SERVICE	SD1	10"	350	1.0	328	347
	FINAL CFM	% to design					
	322	92.0					
SGRD24	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)
	CUSTOMER SERVICE	SD1	10"	350	1.0	392	408
	FINAL CFM	% to design					
	319	91.1					
SGRD25	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)

	CUSTOMER SERVICE	SD1	10"	350	1.0	137	144
	FINAL CFM	% to design					
	328	93.7					
SGRD26	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)
	CUSTOMER SERVICE	SD1	10"	350	1.0	215	223
	FINAL CFM	% to design					
	320	91.4					
SGRD27	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)
	DRIVE THRU	SD1	12"	500	1.0	256	267
	FINAL CFM	% to design					
	461	92.2					
SGRD28	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)
	OFFICE	SD1	8"	200	1.0	176	182
	FINAL CFM	% to design					
	189	94.5					

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Asset	Notes
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National TAB

Project: 07-11 CULVERS - FULSHEAR, TX

System/Unit: AHU/RTU



Comfort. Under control.

Asset: RTU2

AREA:KITCHEN

Unit Data		
	Design	Actual
MFG	LENNOX	LENNOX
Serial Num	-	5622C08912
Model Num	LGH-240-H4B	LGH240H4BS4Y
Type	-	RTU
Configuration	-	VERTICAL DISC HARGE
Num OA Filters 1	-	3
OA Filter Size 1	-	16x24
Num Final Filter 1	-	6
Final Filter Size 1	-	24x24x2
Num Final Filter 2	-	N/A
Final Filter Size 2	-	N/A

Motor Data		
	Design	Actual
Motor MFG	-	US MOTORS
Frame	-	184TZ
Horsepower	-	5
Motor Rpm	-	1765
Phase	3	3
Rated Voltage	208/230	208
Rated Amperage	-	13.8

Drive Data		
	Design	Actual
Motor Sheave Size	-	1VP50
Motor Bore Size	-	1 1/8"
Motor Sheave SetPt	-	1.0 TURN OPEN
Fan Sheave Size	-	BK100
Fan Sheave Bore	-	1 3/16"
Belt CL Distance	-	20 1/2"
Num of Belts	-	1
Belt Size	-	BX61
Belt Alignment	-	CORRECT

Test Data		
	Design	Actual
SF CFM	6225	5849
SF RPM	-	871
RA CFM	4525	4102
OA CFM	1700	1747
RL Voltage	-	209/210/211
RL Amperage	-	9.0/9.0/9.3
SF Rotation	-	CCW
RA Damper Position	-	68%
Min OA Damper Position	-	32%
Min OA Damper Type	-	OPPOSED BLADE

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.82"
Fan Suction SP	-	-1.09"
Fan Discharge SP	-	0.53"
Total ESP	-	1.35"
Fan Total SP	-	1.62"

General		
	Design	Actual
Fan Rotation Correct	-	YES
Unit Filters Clean	-	YES
Condensate Drain Installed	-	YES

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Notes:

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Project:07-11 CULVERS - FULSHEAR, TX

AHU/RTU



Comfort. Under control.

Diffuser Supply (GRD)

RTU2/KITCHEN

Asset	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)
SGRD1	SUNDAE SERVICE	SD1	12"	600	1.0	421	450
	FINAL CFM	% to design					
	572	95.3					
SGRD2	SUNDAE SERVICE	SD1	12"	600	1.0	399	453
	FINAL CFM	% to design					
	556	92.7					
SGRD3	COOKLINE	SD5	10"	275	1.0	246	279
	FINAL CFM	% to design					
	269	97.8					
SGRD4	COOKLINE	SD5	10"	250	1.0	146	154
	FINAL CFM	% to design					
	234	93.6					
SGRD5	FOOD PREP	SD5	12"	400	1.0	421	449
	FINAL CFM	% to design					
	387	96.8					
SGRD6	FOOD PREP	SD5	12"	400	1.0	147	161
	FINAL CFM	% to design					
	381	95.3					
SGRD7	COOKLINE	SD5	12"	375	1.0	72	80
	FINAL CFM	% to design					
	348	92.8					
SGRD8	COOKLINE	SD5	10"	200	1.0	546	583
	FINAL CFM	% to design					
	188	94.0					
SGRD9	FOOD PREP	SD5	12"	350	1.0	508	546
	FINAL CFM	% to design					
	342	97.7					
SGRD10	DISHWASHING	SD5	12"	350	1.0	684	735
	FINAL CFM	% to design					
	330	94.3					
SGRD11	DISHWASHING	SD5	12"	350	1.0	413	443
	FINAL CFM	% to design					

	329	94.0					
SGRD12	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)
	EMPLOYEE RR	SD4	12"	75	1.0	90	101
	FINAL CFM	% to design					
	72	96.0					
SGRD13	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)
	DRY GOODS	SD1	12"	600	1.0	241	261
	FINAL CFM	% to design					
	549	91.5					
SGRD14	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)
	DRY GOODS	SD1	10"	200	1.0	332	373
	FINAL CFM	% to design					
	189	94.5					
SGRD15	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)
	DRY GOODS	SD1	12"	600	1.0	381	426
	FINAL CFM	% to design					
	556	92.7					
SGRD16	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)
	UTILITY ROOM	SD1	12"	600	1.0	302	385
	FINAL CFM	% to design					
	547	91.2					

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Project: 07-11 CULVERS - FULSHEAR, TX
System/Unit: FAN - Exhaust



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Asset: EF-A1

AREA:MOP ROOM

Unit Data		
	Design	Actual
MFG	ACCUREX	ACCUREX
Model Num	XCR-B80	XCR-B80
Serial Num	-	19862130
Type	CEILING	CENTRIFUGAL
Configuration	VERTICAL	CEILING

Test Data		
	Design	Actual
CFM	75	69
Fan RPM	885	900
Fan Rotation	-	CW
Motor RPM	-	900
System SetPt	-	MEDIUM
RL Voltage	-	117
RL Amperage	-	0.11
Total ESP	0.125"	NA
Fan Inlet SP	-	N/A
Fan Discharge SP	-	NA

Motor Data		
	Design	Actual
Motor MFG	-	GREENHECK
Frame	-	NL
Horsepower	-	NL
Motor Rpm	900	900
Phase	1	1
Voltage (rated)	115	115
Amperage (rated)	-	0.16
Service Factor	-	NL

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Asset	Notes

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Project: 07-11 CULVERS - FULSHEAR, TX
System/Unit: FAN - Exhaust



Comfort. Under control.

Asset: EF-A1

AREA:EMPLOYEE RESTROOM

Unit Data		
	Design	Actual
MFG	ACCUREX	BROAN
Model Num	XCR-B80	AE80BL-B
Serial Num	-	NL
Type	CEILING	CENTRIFUGAL
Configuration	VERTICAL	CEILING

Test Data		
	Design	Actual
CFM	75	73
Fan RPM	885	DIRECT DRIVE
Fan Rotation	-	CW
Motor RPM	-	DIRECT DRIVE
System SetPt	-	SINGLE SPEED
RL Voltage	-	118
RL Amperage	-	0.34
Total ESP	0.125"	N/A
Fan Inlet SP	-	NA
Fan Discharge SP	-	N/A

Motor Data		
	Design	Actual
Motor MFG	-	NL
Frame	-	NL
Horsepower	-	NL
Motor Rpm	900	NL
Phase	1	1
Voltage (rated)	115	120
Amperage (rated)	-	0.5
Service Factor	-	NL

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Asset	Notes

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Project: 07-11 CULVERS - FULSHEAR, TX
System/Unit: FAN - Exhaust



Comfort. Under control.

Asset: PRV1

AREA:RESTROOM

Unit Data		
	Design	Actual
MFG	ACCUREX	ACCUREX
Model Num	XRED-095-D	XRED-090-VG-1 -17-X
Serial Num	-	19872570
Type	DOWNBLAST	CENTRIFUGAL
Configuration	HORIZONTAL	DOWNBLAST

Motor Data		
	Design	Actual
Motor MFG	-	BROAD-OCEAN
Frame	-	NL
Horsepower	0.0667	0.10
Motor Rpm	1550	1750
Phase	1	1
Voltage (rated)	115	115
Amperage (rated)	-	1.38
Service Factor	-	NL

Test Data		
	Design	Actual
CFM	300	285
Fan RPM	1479	DIRECT DRIVE
Fan Rotation	-	CW
Motor RPM	-	DIRECT DRIVE
System SetPt	-	6/10
RL Voltage	-	119
RL Amperage	-	1.0
Total ESP	0.5"	0.32"
Fan Inlet SP	-	-0.32"
Fan Discharge SP	-	ATM

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Project:07-11 CULVERS - FULSHEAR, TX

FAN - Exhaust



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Diffuser Ret/Exh (GRD)

PRV1/RESTROOM

Asset	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)
EGRD1	MENS RR	EG1	10X10	150	1.0	152	222
	FINAL CFM	% to design					
	140	93.3					
EGRD2	WOMENS RR	EG1	10X10	150	1.0	303	234
	FINAL CFM	% to design					
	145	96.7					

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Asset	Notes

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Project: 07-11 CULVERS - FULSHEAR, TX
System/Unit: FAN - Exhaust



Comfort. Under control.

Asset: PRV2

AREA:HD1 GRIDDLE

Unit Data		
	Design	Actual
MFG	ACCUREX	ACCUREX
Model Num	XRUB-160XP-15	XRUB-160XP-15 -1-26-G
Serial Num	-	19873047
Type	UPLBAST	CENTRIFUGAL
Configuration	VERTICAL	UPBLAST

Test Data		
	Design	Actual
CFM	1500	1579
Fan RPM	2411	2277
Fan Rotation	-	CW
Motor RPM	-	1772
RL Voltage	-	213/211/211
RL Amperage	-	3.7/3.5/3.5
Suction ESP	-	-2.04"
Discharge ESP	-	ATM
Total ESP	2.337"	2.04"

Motor Data		
	Design	Actual
Motor MFG	-	WEG
Frame	-	NA
Horsepower	1.5	1.5
Motor Rpm	1725	1725
Phase	3	3
Voltage (rated)	208	208
Amperage (rated)	-	NA
Service Factor	-	NA

Drive Data		
	Design	Actual
Motor Sheave Size	-	4"
Motor Bore Size	-	5/8"
Motor Sheave SetPt	-	1.0 TURN OPEN
Fan Sheave Size	-	AK30
Fan Sheave Bore	-	1"
Belt CL Distance	-	6 1/4"
Num of Belts	-	1
Belt Size	-	AX24

Completed By: Wesley John

Notes:

Asset	Notes

National TAB

Project: 07-11 CULVERS - FULSHEAR, TX
System/Unit: FAN - Exhaust



Comfort. Under control.

Asset: PRV3

AREA:HD2 FRYER

Unit Data		
	Design	Actual
MFG	ACCUREX	ACCUREX
Model Num	XRUB-140-7	XRUB-140-7-1-2 6-G
Serial Num	-	19873403
Type	UPBLAST	CENTRIFUGAL
Configuration	VERTICAL	UPBLAST

Test Data		
	Design	Actual
CFM	1500	1607
Fan RPM	1377	1013
Fan Rotation	-	CW
Motor RPM	-	1783
RL Voltage	-	213/212/211
RL Amperage	-	1.5/1.7/1.8
Suction ESP	-	-0.83"
Discharge ESP	-	ATM
Total ESP	1.0"	0.83"

Motor Data		
	Design	Actual
Motor MFG	-	WEG
Frame	-	56
Horsepower	0.75	0.75
Motor Rpm	1725	1725
Phase	3	3
Voltage (rated)	208	208
Amperage (rated)	-	2.54
Service Factor	-	1.00

Drive Data		
	Design	Actual
Motor Sheave Size	-	VP34
Motor Bore Size	-	5/8"
Motor Sheave SetPt	-	5.0 TURNS OPE N
Fan Sheave Size	-	AK41
Fan Sheave Bore	-	3/4"
Belt CL Distance	-	5"
Num of Belts	-	1
Belt Size	-	AP23

Completed By: Wesley John

Notes:

Asset	Notes

National TAB

Project: 07-11 CULVERS - FULSHEAR, TX

System/Unit: Kitchen Hood Type I



Comfort. Under control.

Asset: HD1

AREA:GRIDDLE

Unit Data		
	Design	Actual
MFG	ACCUREX	ACCUREX
Model Num	XGEP-64-S	XGEP-64.00-S
Job / Serial Num	-	19856085
Type	TYPE I LOW PROXIMITY	TYPE I LOW PROXIMITY
Hood length	64"	64
Hood Width	23"	23

Performance Data		
	Design	Actual
Smoke Generation Type	-	45 SECOND SMOKE CARTRIDGE
Hood Capture %	-	100
End Panels Installed (Y/N)	-	YES

Test Data Exhaust		
	Design	Actual
Filter Type	GREASE GRABBER	GREASE GRABBER
Filter Size 1	16X16	16x16
Filter Qty 1	4	4
Filter AK factor size 1	1.53	1.53
Filter Total AK Area	6.12	6.12
Filter1 FPM	-	301
Filter2 FPM	-	218
Filter3 FPM	-	230
Filter4 FPM	-	283
Filter Ave FPM(corr)	-	258
CFM	-	1579

General		
	Design	Actual
Third Party Witness	-	ROB BRUSS
Third Party Company	-	CAMPBELL CONSTRUCTION
Tech Witness	-	WESLEY JOHN

Cooking Equipment		
	Design	Actual
Item 1	-	GRIDDLE

Completed By: Wesley John

Notes:

Asset	Notes

National TAB

Project: 07-11 CULVERS - FULSHEAR, TX

System/Unit: Kitchen Hood Type I



Comfort. Under control.

Asset: HD2

AREA:FRYER

Unit Data		
	Design	Actual
MFG	ACCUREX	ACCUREX
Model Num	XXEP-83-S	XXEP-83.00-S
Job / Serial Num	-	19856078
Type	TYPE I LOW PROXIMITY	TYPE I LOW PROXIMITY
Hood length	83"	83
Hood Width	23"	23

Performance Data		
	Design	Actual
Smoke Generation Type	-	45 SECOND SMOKE CARTRIDGE
Hood Capture %	-	100
End Panels Installed (Y/N)	-	YES

Test Data Exhaust		
	Design	Actual
Filter Type	X-TRACTOR	X-TRACTOR
Filter Size 1	16X16	16x16
Filter Qty 1	5	5
Filter AK factor size 1	1.53	1.53
Filter Total AK Area	7.65	7.65
Filter1 FPM	-	230
Filter2 FPM	-	199
Filter3 FPM	-	193
Filter4 FPM	-	191
Filter5 FPM	-	238
Filter Ave FPM(corr)	-	210
CFM	-	1607

General		
	Design	Actual
Third Party Witness	-	ROB BRUSS
Third Party Company	-	CAMPBELL CONSTRUCTION
Tech Witness	-	WESLEY JOHN

Cooking Equipment		
	Design	Actual
Item 1	-	FRYERS

Completed By: Wesley John

Notes:

Asset	Notes

