

**Report By:**

**National TAB  
1126 SWIFT STREET  
KANSAS CITY, MO 64116**



**Report: Commissioning Report**

**Function: Commissioning**

**Date: 10/22/2025**

**Completed By: National TAB**

# **PROJECT**

## **Test Project - 10-7-2025**

123 Main Street

Springfield, AK 00000

**Client**

My Client

# National TAB

Project: Test Project - 10-7-2025

## Table Of Contents

Section	Page #
FAN - Exhaust	3
FAN - Supply	5
Kitchen Hood Type I	6

# National TAB

Project: Test Project - 10-7-2025

## System/Unit: FAN - Exhaust



Asset: KEF1

AREA:

UNIT DATA	
	Actual
MANUFACTURER	Accurex
MODEL	XCUBE
TAG/IDENTIFICATION	
SERIAL NO.	

PERFORMANCE	
	Actual
PREP MODE: Record The Fan Speed	
MODULATION MODE - Record The Fan Speed	
HI SPEED - Record The Fan Speed	

OBSERVATIONS	
	Actual
ANY ABNORMAL VIBRATION	
ANY ABNORMAL NOISE	
ANY AIR LEAKAGE AT FAN BASE/CURB CONNECTION	

SOO-NORMAL INTERLOCKS	
	Actual
FAN "ON/OFF": WITH MANUAL SWITCH	
FAN "ON": HOOD AUTO "ON" MODE	
FAN "ON": LOW HEAT, PREP MODE	
FAN "ON": MODERATE HEAT, MIN MODULATION RATE	
FAN "ON": HIGH HEAT, MAX SPEED	
FAN "ON" WITH OCCUPANCY DETECTION	
FAN "OFF" WITH NON-OCCUPANCY TIME-OUT	
OCCUPIED: FAN "ON" WITH TIMER CLOCK	
UNOCCUPIED: FAN "OFF" WITH TIMER CLOCK	
FAN "ON": MOTORIZED INLET DAMPER 100% OPEN	
FAN "OFF": MOTORIZED DAMPER 0% OPEN	

SOO-ABNORMAL INTERLOCKS	
	Actual
FAN TURNS ON HI SPEED WHEN "IN FIRE"	

# National TAB

Project: Test Project - 10-7-2025

## System/Unit: FAN - Exhaust



Asset: KEF2

AREA:

UNIT DATA	
	Actual
MANUFACTURER	Accurex
MODEL	XCUBE
TAG/IDENTIFICATION	
SERIAL NO.	

PERFORMANCE	
	Actual
PREP MODE: Record The Fan Speed	
MODULATION MODE - Record The Fan Speed	
HI SPEED - Record The Fan Speed	

OBSERVATIONS	
	Actual
ANY ABNORMAL VIBRATION	
ANY ABNORMAL NOISE	
ANY AIR LEAKAGE AT FAN BASE/CURB CONNECTION	

SOO-NORMAL INTERLOCKS	
	Actual
FAN "ON/OFF": WITH MANUAL SWITCH	
FAN "ON": HOOD AUTO "ON" MODE	
FAN "ON": LOW HEAT, PREP MODE	
FAN "ON": MODERATE HEAT, MIN MODULATION RATE	
FAN "ON": HIGH HEAT, MAX SPEED	
FAN "ON" WITH OCCUPANCY DETECTION	
FAN "OFF" WITH NON-OCCUPANCY TIME-OUT	
OCCUPIED: FAN "ON" WITH TIMER CLOCK	
UNOCCUPIED: FAN "OFF" WITH TIMER CLOCK	
FAN "ON": MOTORIZED INLET DAMPER 100% OPEN	
FAN "OFF": MOTORIZED DAMPER 0% OPEN	

SOO-ABNORMAL INTERLOCKS	
	Actual
FAN TURNS ON HI SPEED WHEN "IN FIRE"	

# National TAB

Project: Test Project - 10-7-2025

## System/Unit: FAN - Supply



Asset: MUA-IDGF1

AREA:

UNIT DATA	
	Actual
Manufacturer	Accurex
Model	X-IGX
Serial No.	
Unit Tag/Identification	
Area Served	

OBSERVATIONS	
	Actual
Any Unusual Noise	
Any Unusual Vibration	
Inlet Gas Pressure	

SENSOR CALIBRATION	
	Actual
INTAKE SENSOR: Field VS Actual Reading	
INTAKE SENSOR: Calibration Offset	
SAT SENSOR: Field VS Actual Reading	
SAT SENSOR: Calibration Offset	
DEHUMIDIFICATION SENSOR: Field VS Actual Reading	
DEHUMIDIFICATION SENSOR: Calibration Offset	

SETPOINTS	
	Actual
INTAKE SENSOR: Heat "ON" Temperature	
SAT: Heat Discharge Air Temp Setpoint	
SAT: Heat High Limit	
INTAKE SENSOR: Cool Stage 1 (Low) "ON"	
INTAKE SENSOR: Cool Stage 2 (High) Temperature	
SAT: Cool Low Limit Temperature	
DEHUMIDIFICATION MODE: Reheat Setpoint	
DEHUMIDIFICATION SENSOR: Setpoint	
Compressor Lock-Out Temperature	
Freeze Stat Temperature	

PERFORMANCE	
	Actual
LOW FIRE/STAGE HEAT: EAT : LAT	
HIGH FIRE/STAGE HEAT: EAT : LAT	
STAGE 1 COOL (LOW): EAT/RH% : LAT/RH%	
STAGE 2 COOL (HI): EAT/RH% : LAT/RH%	
DEHUMIDIFICATION: EAT/RH% : LAT/RH%	

NORMAL INTERLOCKS	
	Actual
MUA "ON": Manual Operation	
MUA "OFF": Prep Mode	
MUA "ON": Modulation Mode	
MUA "ON": Max Speed	
MUA Tracks Exhaust Fan Speed	
MOTORIZED DAMPER: 100% Open when MUA is "ON"	
MOTORIZED DAMPER: 0% Open when MUA is "OFF"	

ABNORMAL INTERLOCKS	
	Actual
FIRE MODE: MUA "OFF"	
FIRE MODE: Motorized Damper 0% Open	
HIGH HEAT LIMIT: MUA Burner Lockout	
LOW COOL LIMIT: Compressor lockout	
FREEZESTAT "ON": MUA "OFF"	
COMPRESSOR LOW TEMP LIMIT: Compressors "OFF"	
FLOAT SWITCH ACTIVATE: Compressors "OFF"	

# National TAB

Project: Test Project - 10-7-2025



## System/Unit: Kitchen Hood Type I

Asset: KH1

AREA:

UNIT DATA	
	Actual
Manufacturer	Accurex
Model	XX-EW
Serial No.	
Unit Tag/Identification	
Hood Listed Rating: 450, 650, or 700 Degrees	
Hoods OA Compensation Type	
Number of Exhaust Filters	
Size of Exhaust Filters	

PERFORMANCE	
	Actual
100% Hood Capture in Modulation Mode.	
100% Capture Max Speed (Hi Heat) Mode	

OBSERVATIONS	
	Actual
No Unusual Noise	
No Unusual Vibration	

SOO-NORMAL INTERLOCKS	
	Actual
Lights and Fan: Interlocked "ON" with Fan Button	
Lights: Independent "On/Off" Light Button Control	
KEF's & MUA: Interlocked "On/Off" with Fan Button	
Prep Mode: MUA Off, KEF(s) At 20% Speed	
Modulation Mode: KEF(s) at 80%, MUA Tracking Speed	
Hi Heat Mode: KEF(s) at 100%, MUA Tracking Speed	
Hood Auto "OFF": (-x) Deg for 30 Minutes	
Prep Mode On: (+x) degrees above Room Temp	
Modulation Mode "ON": (+x) degree' Above Room Temp	
Hi Speed Hood Temperature: (x) degrees	

SOO-ABNORMAL INTERLOCKS	
	Actual
Hood Faceplate indicates "Fire" Alarm	
Power De-energizes to Cook Line	
Gas Valve Closes, Shuts Off Gas to Cook Line	
MUA Shuts "OFF"	
KEF(s) Energize "ON" - Max Speed	
Fire Alarm Panel Indicates "Hood Fire Alarm"	
Horn & Strobe Energizes	
Emergency Lighting Energizes	