

Report By:

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



Report: Test Report
Function: Test, Adjust, & Balance
Date: 9/15/2022

PROJECT
Actual Project Name
1 main street
anywhere, AK

A large, light-grey rectangular box with a thin black border. Inside the box, the word "PROJECT" is centered in a large, bold, black font. Below it, "Actual Project Name" is also centered in a slightly smaller bold black font. Underneath that, the text "1 main street" and "anywhere, AK" are centered in a smaller, regular black font, stacked vertically.

Client
new client test

National TAB

Project: Actual Project Name

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National TAB

Project: Actual Project Name

System/Unit: AHU/RTU



Comfort. Under control.

Asset: AHU1

AREA:

Unit Data		
	Design	Actual
MFG	na	na
Serial Num	-	
Model Num	na	na
Type	-	
Configuration	-	
Num OA Filters 1	-	
OA Filter Size 1	-	
Num Final Filter 1	-	
Final Filter Size 1	-	
Num Final Filter 2	-	
Final Filter Size 2	-	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	-	
Motor Rpm	-	
Phase	-	
Rated Voltage	-	
Rated Amperage	-	

Drive Data		
	Design	Actual
Motor Sheave Size	-	
Motor Bore Size	-	
Fan Sheave Size	-	
Fan Sheave Bore	-	
Belt CL Distance	-	
Num of Belts	-	
Belt Size	-	

Electrical		
	Design	Actual
VFD Min Setpt	-	
VFD Max Setpt	-	

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Notes:

Test Data		
	Design	Actual
SF CFM	-	
SF RPM	-	
RA CFM	-	
OA CFM	-	
RL Voltage	-	
RL Amperage	-	
SF Rotation	-	
RA Damper Position	-	
Min OA Damper Position	-	
Min OA Damper Type	-	

Performance Data		
	Design	Actual
MA Plenum SP	-	
Fan Suction SP	-	
Fan Discharge SP	-	
Total ESP	-	
OA Temp (db/wb)	-	
RA Temp (db/wb)	-	
SA Temp (db/wb)	-	

General		
	Design	Actual
Fan Rotation Correct	-	
Unit Filters Clean	-	

National TAB

Project: Actual Project Name
System/Unit: AHU/RTU



Comfort. Under control.

Asset: AHU2

AREA:

Unit Data		
	Design	Actual
MFG	na	na
Serial Num	-	
Model Num	na	na
Type	-	
Configuration	-	
Num OA Filters 1	-	
OA Filter Size 1	-	
Num Final Filter 1	-	
Final Filter Size 1	-	
Num Final Filter 2	-	
Final Filter Size 2	-	

Test Data		
	Design	Actual
SF CFM	-	
SF RPM	-	
RA CFM	-	
OA CFM	-	
RL Voltage	-	
RL Amperage	-	
SF Rotation	-	
RA Damper Position	-	
Min OA Damper Position	-	
Min OA Damper Type	-	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	-	
Motor Rpm	-	
Phase	-	
Rated Voltage	-	
Rated Amperage	-	

Performance Data		
	Design	Actual
MA Plenum SP	-	
Fan Suction SP	-	
Fan Discharge SP	-	
Total ESP	-	
OA Temp (db/wb)	-	
RA Temp (db/wb)	-	
SA Temp (db/wb)	-	

Drive Data		
	Design	Actual
Motor Sheave Size	-	
Motor Bore Size	-	
Fan Sheave Size	-	
Fan Sheave Bore	-	
Belt CL Distance	-	
Num of Belts	-	
Belt Size	-	

General		
	Design	Actual
Fan Rotation Correct	-	
Unit Filters Clean	-	

Electrical		
	Design	Actual
VFD Min Setpt	-	
VFD Max Setpt	-	

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Project: Actual Project Name

System/Unit: Boiler



Comfort. Under control.

Asset: BLR1

AREA:

Unit Data		
	Design	Actual
MFG	na	na
Model Num	na	na
Serial Num	-	
Service	-	
Type	-	
Size	-	

Gas Heat		
	Design	Actual
Gas Type	-	
Burner Type	-	
Burner Construction	-	
Gas Inlet Pres (wc)	-	
Gas Low Fire Pres (wc)	-	
Input BTUH (rated)	-	
Output BTUH (rated)	-	
Num of Passes	-	
Single or Dual Bank	-	
Staged or Modulating	-	
Num of Safety Valves	-	
Safety Valve Setting	-	
High Limit Setting	-	
Operating CTRL Setting	-	
High Fire SetPt	-	
High Fire CTRL Voltage	-	
High Fire Delta T (F) Rise	-	
Low Fire SetPt	-	
Low Fire CTRL SetPt	-	
Low Fire Delta T (F) Rise	-	
Ignition Type	-	
Pilot Ignition Status (pass/fail)	-	
Gas Valve Pilot Ignition CTRL Voltage	-	
Flame Proving Switch Type	-	
Flame proof CTRL Voltage	-	
Heater Operates (y/n)	-	
Combustion Blower Operates (y/n)	-	
Flame Status (pass/fail)	-	
EWT Temp SetPt	-	
LWT Temp SetPt	-	
Water Temp Max Rise SetPt	-	
GPM Flow Switch SetPt	-	
GPM Flow Switch Actual	-	
GPM Flow Switch CTRL Voltage	-	
GPM Switch Proved (Pass/Fail)	-	
Flame Modulates Properly	-	
Safety Controls - Check	-	

Test Data		
	Design	Actual
Water Treatment Type	-	
Water Treatment %	-	
Water Temp	-	
GPM	-	
Cv	-	
Balance Valve Setting	-	
Balance Valve Delta P	-	
EWT (F)	-	
LWT (F)	-	
Water Temp Delta T (F)	-	
ENT Water Pres	-	
LVG Water Pres	-	
Hot Water Delta P	-	
BTUH	-	

Combustion Fan Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	-	
Phase	-	
Voltage	-	
Amperage	-	

Combustion Gas Duct		
	Design	Actual
Duct Type	-	
Gauge & Material	-	
Size	-	
Minimum Rise:Run	-	
Room properly ventilated	-	
Space pres condition	-	
Flue backdrafts eliminated	-	
Flue Terminates Properly	-	

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Project: Actual Project Name

System/Unit: Boiler



Comfort. Under control.

Asset: BLR2

AREA:

Unit Data		
	Design	Actual
MFG	na	na
Model Num	na	na
Serial Num	-	
Service	-	
Type	-	
Size	-	

Gas Heat		
	Design	Actual
Gas Type	-	
Burner Type	-	
Burner Construction	-	
Gas Inlet Pres (wc)	-	
Gas Low Fire Pres (wc)	-	
Input BTUH (rated)	-	
Output BTUH (rated)	-	
Num of Passes	-	
Single or Dual Bank	-	
Staged or Modulating	-	
Num of Safety Valves	-	
Safety Valve Setting	-	
High Limit Setting	-	
Operating CTRL Setting	-	
High Fire SetPt	-	
High Fire CTRL Voltage	-	
High Fire Delta T (F) Rise	-	
Low Fire SetPt	-	
Low Fire CTRL SetPt	-	
Low Fire Delta T (F) Rise	-	
Ignition Type	-	
Pilot Ignition Status (pass/fail)	-	
Gas Valve Pilot Ignition CTRL Voltage	-	
Flame Proving Switch Type	-	
Flame proof CTRL Voltage	-	
Heater Operates (y/n)	-	
Combustion Blower Operates (y/n)	-	
Flame Status (pass/fail)	-	
EWT Temp SetPt	-	
LWT Temp SetPt	-	
Water Temp Max Rise SetPt	-	
GPM Flow Switch SetPt	-	
GPM Flow Switch Actual	-	
GPM Flow Switch CTRL Voltage	-	
GPM Switch Proved (Pass/Fail)	-	
Flame Modulates Properly	-	
Safety Controls - Check	-	

Test Data		
	Design	Actual
Water Treatment Type	-	
Water Treatment %	-	
Water Temp	-	
GPM	-	
Cv	-	
Balance Valve Setting	-	
Balance Valve Delta P	-	
EWT (F)	-	
LWT (F)	-	
Water Temp Delta T (F)	-	
ENT Water Pres	-	
LVG Water Pres	-	
Hot Water Delta P	-	
BTUH	-	

Combustion Fan Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	-	
Phase	-	
Voltage	-	
Amperage	-	

Combustion Gas Duct		
	Design	Actual
Duct Type	-	
Gauge & Material	-	
Size	-	
Minimum Rise:Run	-	
Room properly ventilated	-	
Space pres condition	-	
Flue backdrafts eliminated	-	
Flue Terminates Properly	-	

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Project: Actual Project Name

System/Unit: AHU-DUAL FAN



Comfort. Under control.

Asset: AHU(DF)1

AREA:

UNIT DATA - SUPPLY		
	Design	Actual
Manufacturer	na	na
Model Number	na	na
Serial Number	-	
No. Pre-Filters / Size (1)	-	
No. Pre-Filters / Size (2)	-	
No. Pre-Filters / Size (3)	-	
No. Final Filters / Size (1)	-	
No. Final Filters / Size (2)	-	
No. Final Filters / Size (3)	-	

UNIT DATA - EXHAUST/RETURN		
	Design	Actual
Manufacturer	-	
Model Number	-	
Serial Number	-	
No. Pre-Filters / Size (1)	-	
No. Pre-Filters / Size (2)	-	
No. Pre-Filters / Size (3)	-	
No. Pre-Filters / Size (4)	-	
No. Pre-Filters / Size (5)	-	
No. Pre-Filters / Size (6)	-	

MOTOR DATA - SUPPLY		
	Design	Actual
Motor MFG / Frame	-	
Horsepower / RPM	-	
Rated Volts / Phase	-	
Rated Amperage / SF	-	

MOTOR DATA - EXHAUST/RETURN		
	Design	Actual
Motor MFG / FRAME	-	
Horsepower / RPM	-	
Rated Volts / Phase	-	
Rated Amperage / SF	-	

DRIVE DATA - SUPPLY		
	Design	Actual
Motor Sheave Size / Bore	-	
Fan Sheave Size / Bore	-	
Belt CL Distance	-	
No. Belts / Size	-	
VFD High Speed Stpt	-	
VFD Low Speed Stpt	-	
0-10v High Speed Stpt	-	
0-10v Low Speed Stpt	-	
Static Pressure Stpt	-	

DRIVE DATA - EXHAUST/RETURN		
	Design	Actual
Motor Sheave Size / Bore	-	
Fan Sheave Size / Bore	-	
Belt CL Distance	-	
No. Belts / Size	-	
VFD High Speed Stpt	-	
VFD Low Speed Stpt	-	
0-10v High Speed Stpt	-	
0-10v Low Speed Stpt	-	
Static Pressure Stpt	-	

TEST DATA - SUPPLY		
	Design	Actual
Total CFM	-	
Fan RPM	-	
VFD Speed	-	
RL Voltage	-	
RL Amperage	-	
Motor B.H.P.	-	

TEST DATA - EXHAUST/RETURN		
	Design	Actual
Total CFM	-	
Fan RPM	-	
VFD Speed	-	
RL Voltage	-	
RL Amperage	-	
Motor B.H.P.	-	

PERFORMANCE DATA - SUPPLY		
	Design	Actual
Suction S.P.	-	
Discharge S.P.	-	
Total S.P.	-	
Pre Heat Coil P.D.	-	
Heat Wheel P.D.	-	
Pre-Filters P.D.	-	
Total ESP	-	

PERFORMANCE DATA - EXHAUST/RETURN		
	Design	Actual
Suction S.P.	-	
Discharge S.P.	-	
Total S.P.	-	
HW Coil P.D.	-	
Heat Wheel P.D.	-	
Pre-Filters P.D.	-	
Total ESP	-	

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Project: Actual Project Name

System/Unit: AHU-DUAL FAN



Comfort. Under control.

Asset: AHU(DF)2

AREA:

UNIT DATA - SUPPLY		
	Design	Actual
Manufacturer	na	na
Model Number	na	na
Serial Number	-	-
No. Pre-Filters / Size (1)	-	-
No. Pre-Filters / Size (2)	-	-
No. Pre-Filters / Size (3)	-	-
No. Final Filters / Size (1)	-	-
No. Final Filters / Size (2)	-	-
No. Final Filters / Size (3)	-	-

UNIT DATA - EXHAUST/RETURN		
	Design	Actual
Manufacturer	-	-
Model Number	-	-
Serial Number	-	-
No. Pre-Filters / Size (1)	-	-
No. Pre-Filters / Size (2)	-	-
No. Pre-Filters / Size (3)	-	-
No. Pre-Filters / Size (4)	-	-
No. Pre-Filters / Size (5)	-	-
No. Pre-Filters / Size (6)	-	-

MOTOR DATA - SUPPLY		
	Design	Actual
Motor MFG / Frame	-	-
Horsepower / RPM	-	-
Rated Volts / Phase	-	-
Rated Amperage / SF	-	-

MOTOR DATA - EXHAUST/RETURN		
	Design	Actual
Motor MFG / FRAME	-	-
Horsepower / RPM	-	-
Rated Volts / Phase	-	-
Rated Amperage / SF	-	-

DRIVE DATA - SUPPLY		
	Design	Actual
Motor Sheave Size / Bore	-	-
Fan Sheave Size / Bore	-	-
Belt CL Distance	-	-
No. Belts / Size	-	-
VFD High Speed Stpt	-	-
VFD Low Speed Stpt	-	-
0-10v High Speed Stpt	-	-
0-10v Low Speed Stpt	-	-
Static Pressure Stpt	-	-

DRIVE DATA - EXHAUST/RETURN		
	Design	Actual
Motor Sheave Size / Bore	-	-
Fan Sheave Size / Bore	-	-
Belt CL Distance	-	-
No. Belts / Size	-	-
VFD High Speed Stpt	-	-
VFD Low Speed Stpt	-	-
0-10v High Speed Stpt	-	-
0-10v Low Speed Stpt	-	-
Static Pressure Stpt	-	-

TEST DATA - SUPPLY		
	Design	Actual
Total CFM	-	-
Fan RPM	-	-
VFD Speed	-	-
RL Voltage	-	-
RL Amperage	-	-
Motor B.H.P.	-	-

TEST DATA - EXHAUST/RETURN		
	Design	Actual
Total CFM	-	-
Fan RPM	-	-
VFD Speed	-	-
RL Voltage	-	-
RL Amperage	-	-
Motor B.H.P.	-	-

PERFORMANCE DATA - SUPPLY		
	Design	Actual
Suction S.P.	-	-
Discharge S.P.	-	-
Total S.P.	-	-
Pre Heat Coil P.D.	-	-
Heat Wheel P.D.	-	-
Pre-Filters P.D.	-	-
Total ESP	-	-

PERFORMANCE DATA - EXHAUST/RETURN		
	Design	Actual
Suction S.P.	-	-
Discharge S.P.	-	-
Total S.P.	-	-
HW Coil P.D.	-	-
Heat Wheel P.D.	-	-
Pre-Filters P.D.	-	-
Total ESP	-	-

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Notes: