

Report By:

National TAB
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NATIONAL

TAB

Comfort. Under control.

Report: test report
Function: Test, Adjust, & Balance
Date: 05/16/2023

PROJECT
test-datacapturecompletebox

noida 123

noida, AK 20 044

Client

Test 123

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Project: test-datacapturecompletebox

Table Of Contents

Section	Page #
AHU/RTU	3
Boiler	4
Chiller	6
AHU-DUAL FAN	8

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Project: test-datacapturecompletebox
System/Unit: AHU/RTU



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Asset: AHU1

AREA:

Unit Data		
	Design	Actual
MFG	test3	test3
Serial Num	-	
Model Num	test7	test7
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: test-datacapturecompletebox

System/Unit: Boiler



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Asset: BLR1

AREA:

Unit Data		
	Design	Actual
MFG	test4	test4
Model Num	test18	test18
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: test-datacapturecompletebox

System/Unit: Chiller



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Asset: CHLR1

AREA:

Unit Data		
	Design	Actual
MFG	test5	test5
Model Num	test19	test19
Serial Num	-	
Type	-	
Size	-	
Service	-	

Condensor Fan		
	Design	Actual
Fan Alignment	-	
Fan Rotation	-	
Fan 1 Motor RLA	-	
Fan 1 Motor RLV	-	
Fan 2 Motor RLA	-	
Fan 2 Motor RLV	-	
Fan 3 Motor RLA	-	
Fan 3 Motor RLV	-	

Compressors		
	Design	Actual
MFG	-	
Model Num	-	
Serial Num	-	
Refrigerant Charge	-	
Refrigerant Type	-	
Comp 1 RLV	-	
Comp 1 RLA	-	
Comp 2 RLV	-	
Comp 2 RLA	-	
Comp 1 Suction Pres	-	
Comp 2 Suction Pres	-	
Comp 1 Discharge Pres	-	
Comp 2 Discharge Pres	-	
Circuit 1 Superheat	-	
Circuit 2 Superheat	-	
Comp 1 Liquid Line Temp	-	
Comp 2 Liquid Line Temp	-	
Circuit 1 SubCooling	-	
Circuit 2 SubCooling	-	
KW Input	-	
CrankCase HTR Amps	-	
Cond Water Ctrl SetPt	-	
LP Cutout Setting	-	
HP Cutout Setting	-	

Test Data-Evaporator		
	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	-	
CHW Delta P	-	
Low Limit Temp Cut-off SetPt	-	
Inlet GPM Temp SetPt	-	
Discharge GPM Temp SetPt	-	
Water Temp MAX Drop SetPt	-	
GPM Flow Switch Setting	-	
GPM Flow Switch CTRL Voltage	-	
GPM Switch Proved (Pass/Fail)	-	
Mech Cool Temp SetPt-ON	-	
Free Cool Temp SetPt-OFF	-	

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

General		
	Design	Actual
Oil Level Checked	-	
Oil Failure Differential	-	
Ref Level Checked	-	
Relief Valve Setting	-	
Unloader SetPt	-	
% Cylinders Unloaded	-	
Purge Operation Checked	-	
Bearing Temp	-	
Vane Position	-	
Demand Limit	-	
Low Temp Cutout Setting	-	

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Date:05/16/2023

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Project: test-datacapturecompletebox

System/Unit: AHU-DUAL FAN



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Asset: AHU(DF)1

AREA:

UNIT DATA - SUPPLY		
	Design	Actual
Manufacturer	test2	test2
Model Number	test65	test65
Serial Number	-	test65
No. Pre-Filters / Size (1)	test65	test65
No. Pre-Filters / Size (2)	test65	test65
No. Pre-Filters / Size (3)	test65	test65
No. Final Filters / Size (1)	test65	test65
No. Final Filters / Size (2)	test65	test65
No. Final Filters / Size (3)	test65	test65

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	-	

DRIVE DATA - EXHAUST/RETURN		
	Design	Actual
Motor Sheave Size / Bore	-	
Fan Sheave Size / Bore	-	
Belt CL Distance	-	
No. Belts / Size	-	

TEST DATA - SUPPLY		
	Design	Actual
Total CFM	-	
OA 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
Static Pressure Stpt	-	
Suction S.P.	-	
Discharge S.P.	-	
Total S.P.	-	
Reheat Coil P.D.	-	
DX Coil P.D.	-	
Condenser Coil P.D.	-	
Chilled Water Coil P.D.	-	
Pre Heat Coil P.D.	-	
Final Filters P.D.	-	
Heat Wheel P.D.	-	
Pre-Filters P.D.	-	
Air Blender P.D.	-	
Total ESP	-	

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

