Report By:

National TAB
Address 1
Address 2
Noida 78, IN 65656

National TAB
NEBB
JOE HERTENSTEIN
CERTIFICATION
3629
Exp. 3/31/19
Air and Hydronic Testing

Report: Test and Balance
Date: 10/11/2021

PROJECT

01 Project Production Update

50 RACE TRACK RD, SUITE C

EAST BRUNSWICK, NJ 08816

Client

6093 South Quebec St

Suite 201

Centennial, CO 80111

FaciliBuild
make it easy

National TAB

Project: 01 Project Production Update

Table Of Contents

National TAB

Project: 01 Project Production Update

System/Unit: AHU/RTU

Asset: AHU1 AREA:

UNIt Data		
	Design	**Actual**
MFG	MGF	MGF
MODEL	MO	MO
TYPE	-	
SERIAL	-	

Drive Data		
	Design	**Actual**
BELT CL DISTANCE	-	
NUM OF BELTS	-	
BELT SIZE	-	
BELT ALIGNMENT	-	

Motor Data		
	Design	**Actual**
Motor MFG	-	
Frame	-	
Horsepower	-	
Motor Rpm	-	
Phase	-	
Rated Voltage	-	
Rated Amperage	-	
Frequency	-	
Service Factor	-	
Efficiency	-	
Power Factor	-	

Unit Data rename		
	Design	**Actual**
MFG	MGF	MGF
Model Num	MO	MO
Serial Num	-	
Inventory Tag ID	-	
Type	-	
Series	-	
Configuration	-	
Num OA Filters 1	-	
OA Filter Size 1	-	
Num OA Filters 2	-	
OA Filter Size 2	-	
Num PreFilter 1	-	
PreFilter Size 1	-	
Num PreFilter 2	-	
PreFilter Size 2	-	
Num Final Filter 1	-	
Final Filter Size 1	-	
Num Final Filter 2	-	
Final Filter Size 2	-	

Moter Data		
	Design	**Actual**
MOTOR MFG	MGF	MGF
FRAME	-	
HORSEPOWER	-	
MOTOR RPM	-	
PHASE	-	
RATED VOLTAGE	-	
RATED AMPERAGE	-	

Test Data		
	Design	**Actual**
SF CFM (Initial)	-	
SF CFM	-	
SF RPM (Initial)	-	
SF RPM	-	
RA CFM	-	
OA CFM	-	
Exhaust CFM	-	
Relief CFM	-	
RL Voltage	-	
RL Amperage	-	
SF Rotation	-	
VFD Max SetPt	-	
VFD Min SetPt	-	
SF Motor Freq(HZ)	-	
SF Flow Station (Kv)	-	
OA Flow Station (Kv)	-	
SF System SetPt	-	
RA Flow Station (Kv)	-	
Relief Flow Station (Kv)	-	
RA Damper Position	-	
RA Damper Type	-	
MA Damper Position	-	
MA Damper Type	-	
OA Damper Position	-	
OA Damper Type	-	
Min OA Damper Position	-	
Min OA Damper Type	-	
Econo Damper Position	-	
Econo Damper Type	-	
Relief Damper Position	-	
Relief Damper Type	-	
OA Enthalpy Setpt	-	
Brake Horse Power	-	

Performance Data		
	Design	Actual
Return Duct SP	-	
MA Plenum SP	-	
Fan Suction SP	-	
Fan Discharge SP	-	
Supply Duct SP	-	
Total ESP	-	
Fan Total SP	-	
Pre-Filter Delta SP	-	
PreHeat Coil Delta SP	-	
DX Coil Delta SP	-	
CHW Coil Delta SP	-	
HW Coil Delta SP	-	
Steam Coil Delta SP	-	
Final Filters Delta SP	-	
Heat Wheel (Exh) Delta SP	-	
Heat Wheel (Sup) Delta SP	-	
OA Temp (db/wb)	-	
RA Temp (db/wb)	-	
MA Temp (db/wb)	-	
SA Temp (db/wb)	-	
HW Coil Delta T	-	
CW Coil Delta T	-	
Coil Delta T	-	
Heat Wheel(Exh) Delta T	-	
Heat Wheel(Sup) Delta T	-	

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

Completed By: Dan Hertenstein

Notes:

National TAB

Project: 01 Project Production Update

System/Unit: AHU/RTU

Asset: AHU2 AREA:

UNIt Data		
	Design	**Actual**
MFG	MGF	MGF
MODEL	MO	MO
TYPE	-	
SERIAL	-	

Drive Data		
	Design	**Actual**
BELT CL DISTANCE	-	
NUM OF BELTS	-	
BELT SIZE	-	
BELT ALIGNMENT	-	

Motor Data		
	Design	**Actual**
Motor MFG	-	
Frame	-	
Horsepower	-	
Motor Rpm	-	
Phase	-	
Rated Voltage	-	
Rated Amperage	-	
Frequency	-	
Service Factor	-	
Efficiency	-	
Power Factor	-	

Unit Data rename		
	Design	**Actual**
MFG	MGF	MGF
Model Num	MO	MO
Serial Num	-	
Inventory Tag ID	-	
Type	-	
Series	-	
Configuration	-	
Num OA Filters 1	-	
OA Filter Size 1	-	
Num OA Filters 2	-	
OA Filter Size 2	-	
Num PreFilter 1	-	
PreFilter Size 1	-	
Num PreFilter 2	-	
PreFilter Size 2	-	
Num Final Filter 1	-	
Final Filter Size 1	-	
Num Final Filter 2	-	
Final Filter Size 2	-	

Moter Data		
	Design	**Actual**
MOTOR MFG	MGF	MGF
FRAME	-	
HORSEPOWER	-	
MOTOR RPM	-	
PHASE	-	
RATED VOLTAGE	-	
RATED AMPERAGE	-	

Test Data		
	Design	**Actual**
SF CFM (Initial)	-	
SF CFM	-	
SF RPM (Initial)	-	
SF RPM	-	
RA CFM	-	
OA CFM	-	
Exhaust CFM	-	
Relief CFM	-	
RL Voltage	-	
RL Amperage	-	
SF Rotation	-	
VFD Max SetPt	-	
VFD Min SetPt	-	
SF Motor Freq(HZ)	-	
SF Flow Station (Kv)	-	
OA Flow Station (Kv)	-	
SF System SetPt	-	
RA Flow Station (Kv)	-	
Relief Flow Station (Kv)	-	
RA Damper Position	-	
RA Damper Type	-	
MA Damper Position	-	
MA Damper Type	-	
OA Damper Position	-	
OA Damper Type	-	
Min OA Damper Position	-	
Min OA Damper Type	-	
Econo Damper Position	-	
Econo Damper Type	-	
Relief Damper Position	-	
Relief Damper Type	-	
OA Enthalpy Setpt	-	
Brake Horse Power	-	

Performance Data		
	Design	Actual
Return Duct SP	-	
MA Plenum SP	-	
Fan Suction SP	-	
Fan Discharge SP	-	
Supply Duct SP	-	
Total ESP	-	
Fan Total SP	-	
Pre-Filter Delta SP	-	
PreHeat Coil Delta SP	-	
DX Coil Delta SP	-	
CHW Coil Delta SP	-	
HW Coil Delta SP	-	
Steam Coil Delta SP	-	
Final Filters Delta SP	-	
Heat Wheel (Exh) Delta SP	-	
Heat Wheel (Sup) Delta SP	-	
OA Temp (db/wb)	-	
RA Temp (db/wb)	-	
MA Temp (db/wb)	-	
SA Temp (db/wb)	-	
HW Coil Delta T	-	
CW Coil Delta T	-	
Coil Delta T	-	
Heat Wheel(Exh) Delta T	-	
Heat Wheel(Sup) Delta T	-	

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

Completed By: Dan Hertenstein

Notes:

Diffuser Supply (GRD)

NEW FOLDER/

Asset	Area Served							
SGRD1		**MFG**	**Model Num**	**Type**	**Size**	**DESIGN CFM**	**AK**	**VEL(1)**
		hjk comp	2020					
		CFM(1)	**VEL(2)**	**CFM(2)**	**FINAL CFM**	**% to design**		
SGRD2		**MFG**	**Model Num**	**Type**	**Size**	**DESIGN CFM**	**AK**	**VEL(1)**
		hjk comp	2020					
		CFM(1)	**VEL(2)**	**CFM(2)**	**FINAL CFM**	**% to design**		

AHU1/

Asset	Area Served							
AHU1-SGRD1		**MFG**	**Model Num**	**Type**	**Size**	**DESIGN CFM**	**AK**	**VEL(1)**
		DIFFMGF	DIFFMO					
		CFM(1)	**VEL(2)**	**CFM(2)**	**FINAL CFM**	**% to design**		
AHU1-SGRD2		**MFG**	**Model Num**	**Type**	**Size**	**DESIGN CFM**	**AK**	**VEL(1)**
		DIFFMGF	DIFFMO					
		CFM(1)	**VEL(2)**	**CFM(2)**	**FINAL CFM**	**% to design**		

AHU2/

Asset	Area Served							
AHU2-SGRD1		**MFG**	**Model Num**	**Type**	**Size**	**DESIGN CFM**	**AK**	**VEL(1)**
		dd	ewrr					
		CFM(1)	**VEL(2)**	**CFM(2)**	**FINAL CFM**	**% to design**		
AHU2-SGRD2		**MFG**	**Model Num**	**Type**	**Size**	**DESIGN CFM**	**AK**	**VEL(1)**
		dd	ewrr					
		CFM(1)	**VEL(2)**	**CFM(2)**	**FINAL CFM**	**% to design**		

AHU1-VAV2/

Asset	Area Served							
AHU1-VAV2-SGRD1		**MFG**	**Model Num**	**Type**	**Size**	**DESIGN CFM**	**AK**	**VEL(1)**
		df	fddf	546456456	456456456546	78987987987987	48564564564556	47864856456
		CFM(1)	**VEL(2)**	**CFM(2)**	**FINAL CFM**	**% to design**		
		456456456456	45648758678	78987978978	78987978987	7898798798797		
AHU1-VAV2-SGRD2		**MFG**	**Model Num**	**Type**	**Size**	**DESIGN CFM**	**AK**	**VEL(1)**
		df	fddf					
		CFM(1)	**VEL(2)**	**CFM(2)**	**FINAL CFM**	**% to design**		

AHU1-VAV 64546461/Area Serve AHU1-VAV

Asset	Area Served							
AHU1-VAV1-SGRD1		MFG	Model Num	Type	Size	DESIGN CFM	AK	VEL(1)
		DFF	DFF					
		CFM(1)	VEL(2)	CFM(2)	FINAL CFM	% to design		
AHU1-VAV1-SGRD2		MFG	Model Num	Type	Size	DESIGN CFM	AK	VEL(1)
		DFF	DFF	18979745454947654545455454	28979745454947456445455544 5	18979745454947656565656565	22979745454947656565	6546545645655656565656565
		CFM(1)	VEL(2)	CFM(2)	FINAL CFM	% to design		
		4864654654654564545	654654544	65465465656565	65465656565656	6546479747987987979879879798		

AHU2-VAV1/

Asset	Area Served							
AHU2-VAV1-SGRD1		MFG	Model Num	Type	Size	DESIGN CFM	AK	VEL(1)
		d	c	654654654645656	5646465565	4654654	6464646	645654646
		CFM(1)	VEL(2)	CFM(2)	FINAL CFM	% to design		
		646546	64654	65465	654654	6464		
AHU2-VAV1-SGRD2		MFG	Model Num	Type	Size	DESIGN CFM	AK	VEL(1)
		d	c					
		CFM(1)	VEL(2)	CFM(2)	FINAL CFM	% to design		

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Asset	Area Served	Notes

VAV - Single Duct

AHU1/

Asset	Area Served							
AHU1-VAV2		**MFG**	**Model Num**	**Serial Num**	**Design Service**	**Service**	**Type**	**Size**
		VAVMGF	VAVMO	456456456456		456456456546546	12313413123	456485645654
		Design Max CFM	**Max CFM**	**Design Min CFM**	**Min CFM**	**Design Heat CFM**	**Heat CFM**	**Ak (max)**
		45645645654	7896789879	7897897897	789789789879	4856456456456	456456456456	456456456456
		Ak (min)	**Ak (heat)**	**Damper SetPt**	**Diversity Test 1**	**Diversity Test 2**	**Design EAT (F - db/wb)**	**EAT (F - db/wb)**
		456546456546	45654645654654	5456456546546546	78987978987	78987987987987		78987978997897
		Design LAT (F - db/wb)	**LAT (F - db/wb)**	**Inlet SP**	**Discharge SP**			
			456456456456	45645645645	456456456			
AHU1-VAV 64546461	Area Serve AHU1-VAV	**MFG**	**Model Num**	**Serial Num**	**Design Service**	**Service**	**Type**	**Size**
		VAVMGF65465465464	VAVMO3144566	7897974545494763544654563565656		8897974545494756556656 5	9897974545494765578878	6897974545494745646464
		Design Max CFM	**Max CFM**	**Design Min CFM**	**Min CFM**	**Design Heat CFM**	**Heat CFM**	**Ak (max)**
		2897974545494765464654646565456	3897974545494765454544654645 6	3897974545494766545454	4897974545494765656565 6	5897974545494765565656565656	6897974545494735454545454122	7897974545494736565656565656
		Ak (min)	**Ak (heat)**	**Damper SetPt**	**Diversity Test 1**	**Diversity Test 2**	**Design EAT (F - db/wb)**	**EAT (F - db/wb)**
		8897974545494766555556565 65	9897974545494765656565	1897974555494765656565656565	1897974535494765656565656 5	1897974645494765656565656		4654656544645646456 4564654
		Design LAT (F - db/wb)	**LAT (F - db/wb)**	**Inlet SP**	**Discharge SP**			
			6546465456656654654132123134654654654	6545646465654646546465464646	4654654646545564646546546464131334			

AHU2/

Asset	Area Served							
AHU2-VAV1		**MFG**	**Model Num**	**Serial Num**	**Design Service**	**Service**	**Type**	**Size**
		xz45645654645	x3465645	43756478456		567567457567	56764876548	5675675675
		Design Max CFM	**Max CFM**	**Design Min CFM**	**Min CFM**	**Design Heat CFM**	**Heat CFM**	**Ak (max)**
		567567567	65465465464654	124654646446	4654987946547465 4	654654965465	646479654	6575746544
		Ak (min)	**Ak (heat)**	**Damper SetPt**	**Diversity Test 1**	**Diversity Test 2**	**Design EAT (F - db/wb)**	**EAT (F - db/wb)**
		98798798798	89479879	64654	87965465	654644		7486789987
		Design LAT (F - db/wb)	**LAT (F - db/wb)**	**Inlet SP**	**Discharge SP**			
			98779	98798777	97879878			
AHU2-VAV2		**MFG**	**Model Num**	**Serial Num**	**Design Service**	**Service**	**Type**	**Size**
		xz654	6878979	987987		9879798	9879879	9879898
		Design Max CFM	**Max CFM**	**Design Min CFM**	**Min CFM**	**Design Heat CFM**	**Heat CFM**	**Ak (max)**
		89798	9879	979	7979	797	97	998798
		Ak (min)	**Ak (heat)**	**Damper SetPt**	**Diversity Test 1**	**Diversity Test 2**	**Design EAT (F - db/wb)**	**EAT (F - db/wb)**
		987979	79	798	79	79		9889789
		Design LAT (F - db/wb)	**LAT (F - db/wb)**	**Inlet SP**	**Discharge SP**			
			98798798	987987897	9877987			
AHU2-VAV3		**MFG**	**Model Num**	**Serial Num**	**Design Service**	**Service**	**Type**	**Size**
		xz	x	87987		54757	98798	788878
		Design Max CFM	**Max CFM**	**Design Min CFM**	**Min CFM**	**Design Heat CFM**	**Heat CFM**	**Ak (max)**
		65456	6584	456	456	645	456	465
		Ak (min)	**Ak (heat)**	**Damper SetPt**	**Diversity Test 1**	**Diversity Test 2**	**Design EAT (F - db/wb)**	**EAT (F - db/wb)**
		645	645	645	645	79		6485465456
		Design LAT (F - db/wb)	**LAT (F - db/wb)**	**Inlet SP**	**Discharge SP**			
			6546	56895647	99987897			

AHU1-SGRD1/

Asset	Area Served							
AHU1-SGRD1-VAV1		**MFG**	**Model Num**	**Serial Num**	**Design Service**	**Service**	**Type**	**Size**
		fghdfgdfgdsfgdfggddfg	dhsdfgsdfgsdfg	dfgsdfgdfgdf		dsfgyterter	ertgesrgdfgsdfgdsg	dfgsdfgdfsgsdfgfdsgfdsgfsdgv
		Design Max CFM	**Max CFM**	**Design Min CFM**	**Min CFM**	**Design Heat CFM**	**Heat CFM**	**Ak (max)**
		dfgserttwerterwt	werwterwterterwtre	erterwterwtretretret	ertre afasdfsa	dfsgsdfg dfsgfsdg	dsfgsdfg dsfsgdfsgsdfdsf	dsfgsdfg dfgfdgdfsg
		Ak (min)	**Ak (heat)**	**Damper SetPt**	**Diversity Test 1**	**Diversity Test 2**	**Design EAT (F - db/wb)**	**EAT (F - db/wb)**
		dsfgsdfgdfs dfgdfsgdfsg	dfgfdgdfsgds dfgfdg	dfgdfsgdsfgfsdgdfsgfdsg	dfsgfdsgfds dfsgfsdgdfsg	iiiiiiiiiiiiiiiiiii sdfg		dfxgsdfgsdfg
		Design LAT (F - db/wb)	**LAT (F - db/wb)**	**Inlet SP**	**Discharge SP**			
			dsfgsdfgsdfg	dfgsdfgdsfgdfsgfdsgfd	dfgfdsgdfsgfdsgfds dfgfsdgfsdgfds			
AHU1-SGRD1-VAV2		**MFG**	**Model Num**	**Serial Num**	**Design Service**	**Service**	**Type**	**Size**
		fghfdghdfghdgfh	dhdfghdfghgfdh	fgdhdfghdfghdfghgdfh		dfghdfghdfg dfgsdfgsdfg	dsfgsdfgfsdg sdfgdsfgsdf	dfgdfsgdfsg dfgsfdg
		Design Max CFM	**Max CFM**	**Design Min CFM**	**Min CFM**	**Design Heat CFM**	**Heat CFM**	**Ak (max)**
		dsfgdfsgdfs dfgfsdgfdg	dfgdfsgfdsg dfgfdsg	dfgdfgfdgfsd dfgfsdgfdg	dsfgdfsgsfd dfgfsdgdfsg	dfgdfsgsdfg dfsgfdsgdfsg	dfgfsdgdfsgfsdg dfg	dfsgdfg
		Ak (min)	**Ak (heat)**	**Damper SetPt**	**Diversity Test 1**	**Diversity Test 2**	**Design EAT (F - db/wb)**	**EAT (F - db/wb)**
		sdfgfsdgdfsgsdfgfdgfsdg	dfsgdfsgdfsgfdg	dsfgfdsgfsdgfdsgdfsgsdgdfsg	dfsgsdfgdsfg sdfsgdfgdfgdsfgdf	dfgfsdgfsdgdfsgfdsg dfgfdsg		fdsgdfgsdfg
		Design LAT (F - db/wb)	**LAT (F - db/wb)**	**Inlet SP**	**Discharge SP**			
			dfsgdfsgdfsgdfgh	fvgbhfdghfgdhdfhgdfgh	fghfdghfghdfgh			

Completed By:Dan Hertenstein on

Asset	Area Served	Notes

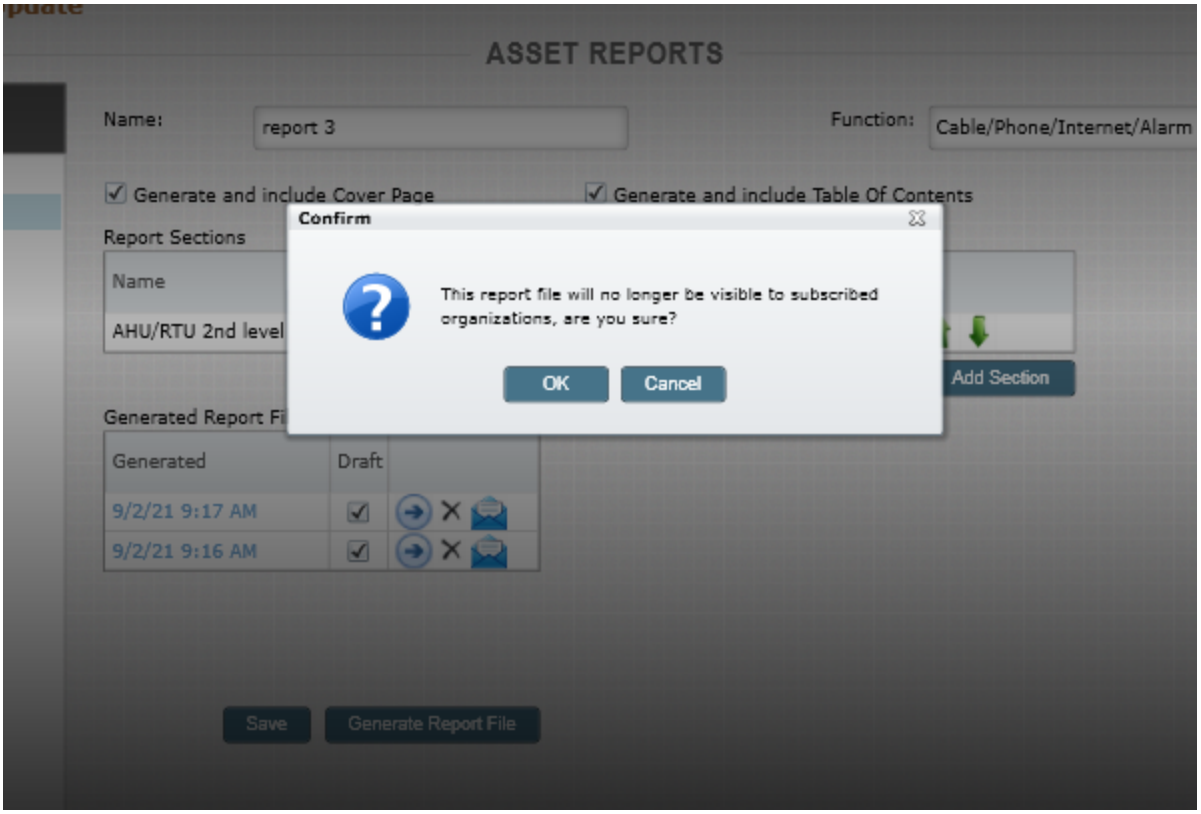
01 Project Production Update

CheckList Information

Name :	Shared Checklist by pc	**Status :**	NotSubmitted
Assigned Organization :	National TAB	**Asset :**	
Requesting Organization :	National TAB		

CheckList Item Details

item 1
Item 2


ASSET REPORTS
Name:
report 3
Function:
Cable/Phone/Internet/Alarm
Generate and include Cover Page
Generate and include Table Of Contents
Report Sections
Name
AHU/RTU 2nd level
Add Section
Confirm
This report file will no longer be visible to subscribed organizations, are you sure?
OK
Cancel
Generated Report Fi
Generated
Draft
9/2/21 9:17 AM
9/2/21 9:16 AM
Save
Generate Report File

01 Project Production Update

Project Issue Information

Issue Name : sdfgsdg

Description : sdfsdf

Created By : National TAB **Assigned To :** National TAB - 8Joe Hertenstein

Status : Open

Originated Date : 09/28/2021 - Dan Hertenstein - National TAB

01 Project Production Update

Project Issue Information

Issue Name : Drill Machine fault

Description : drill machine not wroking

Created By : National TAB **Assigned To :** rohit1 - rohit singh

Status : Open

Originated Date : 09/08/2021 - Dan Hertenstein - National TAB

Project Issue Response Details

- **10/07/2021 National TAB - Dan Hertenstein**
  - asdf
    1. Open AAAAAAAAAA_TEST_PC20210329072307137.pdf

01 Project Production Update

Project RFI Information

Issue Name : Test RFI

Description : Test

Created By : National TAB **Assigned To :** Pankaj Info Tech LTD - pankaj kumar Singh

Status : Open

Originated Date : 09/16/2021 - Dan Hertenstein - National TAB

01 Project Production Update

Project RFI Information

Issue Name : Test RFI Nazim

Description : asfsdg

Created By : National TAB **Assigned To :** National TAB - 8Joe Hertenstein

Status : Open

Originated Date : 09/28/2021 - Dan Hertenstein - National TAB

Project RFI Response Details

- **10/07/2021 National TAB - Dan Hertenstein**
  - asdf
    1. Open draf_unchecked.PNG

01 Project Production Update

Project RFI Information

Issue Name : xdgfdsg

Description : dfgdfg

Created By : National TAB **Assigned To :** National TAB - 8Joe Hertenstein

Status : Open

Originated Date : 09/28/2021 - Dan Hertenstein - National TAB

National TAB

Project: 01 Project Production Update

System/Unit: AHU/RTU

Asset: AHU1 AREA:

UNIt Data		
	Design	Actual
MFG	MGF	MGF
MODEL	MO	MO
TYPE	-	
SERIAL	-	

Drive Data		
	Design	Actual
BELT CL DISTANCE	-	
NUM OF BELTS	-	
BELT SIZE	-	
BELT ALIGNMENT	-	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	-	
Motor Rpm	-	
Phase	-	
Rated Voltage	-	
Rated Amperage	-	
Frequency	-	
Service Factor	-	
Efficiency	-	
Power Factor	-	

Unit Data rename		
	Design	Actual
MFG	MGF	MGF
Model Num	MO	MO
Serial Num	-	
Inventory Tag ID	-	
Type	-	
Series	-	
Configuration	-	
Num OA Filters 1	-	
OA Filter Size 1	-	
Num OA Filters 2	-	
OA Filter Size 2	-	
Num PreFilter 1	-	
PreFilter Size 1	-	
Num PreFilter 2	-	
PreFilter Size 2	-	
Num Final Filter 1	-	
Final Filter Size 1	-	
Num Final Filter 2	-	
Final Filter Size 2	-	

Moter Data		
	Design	Actual
MOTOR MFG	MGF	MGF
FRAME	-	
HORSEPOWER	-	
MOTOR RPM	-	
PHASE	-	
RATED VOLTAGE	-	
RATED AMPERAGE	-	

Test Data		
	Design	Actual
SF CFM (Initial)	-	
SF CFM	-	
SF RPM (Initial)	-	
SF RPM	-	
RA CFM	-	
OA CFM	-	
Exhaust CFM	-	
Relief CFM	-	
RL Voltage	-	
RL Amperage	-	
SF Rotation	-	
VFD Max SetPt	-	
VFD Min SetPt	-	
SF Motor Freq(HZ)	-	
SF Flow Station (Kv)	-	
OA Flow Station (Kv)	-	
SF System SetPt	-	
RA Flow Station (Kv)	-	
Relief Flow Station (Kv)	-	
RA Damper Position	-	
RA Damper Type	-	
MA Damper Position	-	
MA Damper Type	-	
OA Damper Position	-	
OA Damper Type	-	
Min OA Damper Position	-	
Min OA Damper Type	-	
Econo Damper Position	-	
Econo Damper Type	-	
Relief Damper Position	-	
Relief Damper Type	-	
OA Enthalpy Setpt	-	
Brake Horse Power	-	

Performance Data		
	Design	Actual
Return Duct SP	-	
MA Plenum SP	-	
Fan Suction SP	-	
Fan Discharge SP	-	
Supply Duct SP	-	
Total ESP	-	
Fan Total SP	-	
Pre-Filter Delta SP	-	
PreHeat Coil Delta SP	-	
DX Coil Delta SP	-	
CHW Coil Delta SP	-	
HW Coil Delta SP	-	
Steam Coil Delta SP	-	
Final Filters Delta SP	-	
Heat Wheel (Exh) Delta SP	-	
Heat Wheel (Sup) Delta SP	-	
OA Temp (db/wb)	-	
RA Temp (db/wb)	-	
MA Temp (db/wb)	-	
SA Temp (db/wb)	-	
HW Coil Delta T	-	
CW Coil Delta T	-	
Coil Delta T	-	
Heat Wheel(Exh) Delta T	-	
Heat Wheel(Sup) Delta T	-	

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

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Notes:

VAV - Single Duct

AHU1/

Asset	Area Served							
AHU1-VAV2		**MFG**	**Model Num**	**Serial Num**	**Design Service**	**Service**	**Type**	**Size**
		VAVMGF	VAVMO	456456456456		456456456546546	12313413123	456485645654
		Design Max CFM	**Max CFM**	**Design Min CFM**	**Min CFM**	**Design Heat CFM**	**Heat CFM**	**Ak (max)**
		45645645654	7896789879	7897897897	789789789879	4856456456456	456456456456	456456456456
		Ak (min)	**Ak (heat)**	**Damper SetPt**	**Diversity Test 1**	**Diversity Test 2**	**Design EAT (F - db/wb)**	**EAT (F - db/wb)**
		456546456546	45654645654654	5456456546546546	78987978987	78987987987987		78987978997897
		Design LAT (F - db/wb)	**LAT (F - db/wb)**	**Inlet SP**	**Discharge SP**			
			456456456456	45645645645	456456456			
AHU1-VAV 64546461	Area Serve AHU1-VAV	**MFG**	**Model Num**	**Serial Num**	**Design Service**	**Service**	**Type**	**Size**
		VAVMGF65465465464	VAVMO3144566	7897974545494763544654563565656		8897974545494756556656 5	9897974545494765578878	6897974545494745646464
		Design Max CFM	**Max CFM**	**Design Min CFM**	**Min CFM**	**Design Heat CFM**	**Heat CFM**	**Ak (max)**
		2897974545494765464654646565456	3897974545494765454544654645 6	3897974545494766545454	4897974545494765656565 6	5897974545494765565656565656	6897974545494735454545454122	7897974545494736565656565656
		Ak (min)	**Ak (heat)**	**Damper SetPt**	**Diversity Test 1**	**Diversity Test 2**	**Design EAT (F - db/wb)**	**EAT (F - db/wb)**
		8897974545494766555556565 65	9897974545494765656565	1897974555494765656565656565	1897974535494765656565656 5	1897974645494765656565656		4654656544645646456464
		Design LAT (F - db/wb)	**LAT (F - db/wb)**	**Inlet SP**	**Discharge SP**			
			6546465456456654654132123134654654654	6545646465654646546465464646	4654654646545564646546546464131334			

AHU1-SGRD1/

Asset	Area Served							
AHU1-SGRD1-VAV1		**MFG**	**Model Num**	**Serial Num**	**Design Service**	**Service**	**Type**	**Size**
		fghdfgdfgdsfgdfggddfg	dhsdfgsdfgsdfg	dfgsdfgdfgdf		dsfgyterter	ertgesrgdfgsdfgdsg	dfgsdfgdfsgsdfgfdsgfdsgfsdgv
		Design Max CFM	**Max CFM**	**Design Min CFM**	**Min CFM**	**Design Heat CFM**	**Heat CFM**	**Ak (max)**
		dfgserttwerterwt	werwterwterterwtre	erterwterwtretretret	ertre afasdfsa	dfsgsdfg dfsgfsdg	dsfgsdfg dsfsgdfsgsdfdsf	dsfgsdfg dfgfdgdfsg
		Ak (min)	**Ak (heat)**	**Damper SetPt**	**Diversity Test 1**	**Diversity Test 2**	**Design EAT (F - db/wb)**	**EAT (F - db/wb)**
		dsfgsdfgdfs dfgdfsgdfsg	dfgfdgdfsgds dfgfdg	dfgdfsgdsfgfsdgdfsgfdsg	dfsgfdsgfds dfsgfsdgdfsg	iiiiiiiiiiiiiiiiii sdfg		dfxgsdfgsdfg
		Design LAT (F - db/wb)	**LAT (F - db/wb)**	**Inlet SP**	**Discharge SP**			
			dsfgsdfgsdfg	dfgsdfgdsfgdfsgfdsgfd	dfgfdsgdfsgfdsgfds dfgfsdgfsdgfds			
AHU1-SGRD1-VAV2		**MFG**	**Model Num**	**Serial Num**	**Design Service**	**Service**	**Type**	**Size**
		fghfdghdfghdgfh	dhdfghdfghgfdh	fgdhdfghdfghdfghgdfh		dfghdfghdfg dfgsdfgsdfg	dsfgsdfgfsdg sdfgdsfgsdf	dfgdfsgdfsg dfgsfdg
		Design Max CFM	**Max CFM**	**Design Min CFM**	**Min CFM**	**Design Heat CFM**	**Heat CFM**	**Ak (max)**
		dsfgdfsgdfs dfgfsdgfdg	dfgdfsgfdsg dfgfdsg	dfgdfgfdgfsd dfgfsdgfdg	dsfgdfsgsfd dfgfsdgdfsg	dfgdfsgsdfg dfsgfdsgdfsg	dfgfsdgdfsgfsdg dfg	dfsgdfg
		Ak (min)	**Ak (heat)**	**Damper SetPt**	**Diversity Test 1**	**Diversity Test 2**	**Design EAT (F - db/wb)**	**EAT (F - db/wb)**
		sdfgfsdgdfsgsdfgfdgfsdg	dfsgdfsgdfsgfdg	dsfgfdsgfsdgfdsgdfsgsdgdfsg	dfsgsdfgdsfg sdfsgdfgdfgdsfgdf	dfgfsdgfsdgdfsgfdsg dfgfdsg		fdsgdfgsdfg
		Design LAT (F - db/wb)	**LAT (F - db/wb)**	**Inlet SP**	**Discharge SP**			
			dfsgdfsgdfsgdfgh	fvgbhfdghfgdhdfhgdfgh	fghfdghfghdfgh			

Diffuser Supply (GRD)

AHU1/

Asset	Area Served							
AHU1-SGRD1		**MFG**	**Model Num**	**Type**	**Size**	**DESIGN CFM**	**AK**	**VEL(1)**
		DIFFMGF	DIFFMO					
		CFM(1)	**VEL(2)**	**CFM(2)**	**FINAL CFM**	**% to design**		
AHU1-SGRD2		**MFG**	**Model Num**	**Type**	**Size**	**DESIGN CFM**	**AK**	**VEL(1)**
		DIFFMGF	DIFFMO					
		CFM(1)	**VEL(2)**	**CFM(2)**	**FINAL CFM**	**% to design**		

AHU1-VAV2/

Asset	Area Served							
AHU1-VAV2-SGRD1		**MFG**	**Model Num**	**Type**	**Size**	**DESIGN CFM**	**AK**	**VEL(1)**
		df	fddf	546456456	456456456546	78987987987987	48564564564556	47864856456
		CFM(1)	**VEL(2)**	**CFM(2)**	**FINAL CFM**	**% to design**		
		456456456456	45648758678	78987978978	78987978987	7898798798797		
AHU1-VAV2-SGRD2		**MFG**	**Model Num**	**Type**	**Size**	**DESIGN CFM**	**AK**	**VEL(1)**
		df	fddf					
		CFM(1)	**VEL(2)**	**CFM(2)**	**FINAL CFM**	**% to design**		

AHU1-VAV 64546461/Area Serve AHU1-VAV

Asset	Area Served							
AHU1-VAV1-SGRD1		MFG	Model Num	Type	Size	DESIGN CFM	AK	VEL(1)
		DFF	DFF					
		CFM(1)	VEL(2)	CFM(2)	FINAL CFM	% to design		
AHU1-VAV1-SGRD2		MFG	Model Num	Type	Size	DESIGN CFM	AK	VEL(1)
		DFF	DFF	18979745454947654545455454	28979745454947456445455544 5	18979745454947656565656565 65	22979745454947656565 65	654654564565565656565656565
		CFM(1)	VEL(2)	CFM(2)	FINAL CFM	% to design		
		4864654654654564545	654654544	65465465656565	65465656565656	654647974798798797987987988		

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Asset	Area Served	Notes

National TAB

Project: 01 Project Production Update

System/Unit: AHU/RTU

Asset: AHU2 AREA:

UNIt Data		
	Design	**Actual**
MFG	MGF	MGF
MODEL	MO	MO
TYPE	-	
SERIAL	-	

Drive Data		
	Design	**Actual**
BELT CL DISTANCE	-	
NUM OF BELTS	-	
BELT SIZE	-	
BELT ALIGNMENT	-	

Motor Data		
	Design	**Actual**
Motor MFG	-	
Frame	-	
Horsepower	-	
Motor Rpm	-	
Phase	-	
Rated Voltage	-	
Rated Amperage	-	
Frequency	-	
Service Factor	-	
Efficiency	-	
Power Factor	-	

Unit Data rename		
	Design	**Actual**
MFG	MGF	MGF
Model Num	MO	MO
Serial Num	-	
Inventory Tag ID	-	
Type	-	
Series	-	
Configuration	-	
Num OA Filters 1	-	
OA Filter Size 1	-	
Num OA Filters 2	-	
OA Filter Size 2	-	
Num PreFilter 1	-	
PreFilter Size 1	-	
Num PreFilter 2	-	
PreFilter Size 2	-	
Num Final Filter 1	-	
Final Filter Size 1	-	
Num Final Filter 2	-	
Final Filter Size 2	-	

Moter Data		
	Design	**Actual**
MOTOR MFG	MGF	MGF
FRAME	-	
HORSEPOWER	-	
MOTOR RPM	-	
PHASE	-	
RATED VOLTAGE	-	
RATED AMPERAGE	-	

Test Data		
	Design	**Actual**
SF CFM (Initial)	-	
SF CFM	-	
SF RPM (Initial)	-	
SF RPM	-	
RA CFM	-	
OA CFM	-	
Exhaust CFM	-	
Relief CFM	-	
RL Voltage	-	
RL Amperage	-	
SF Rotation	-	
VFD Max SetPt	-	
VFD Min SetPt	-	
SF Motor Freq(HZ)	-	
SF Flow Station (Kv)	-	
OA Flow Station (Kv)	-	
SF System SetPt	-	
RA Flow Station (Kv)	-	
Relief Flow Station (Kv)	-	
RA Damper Position	-	
RA Damper Type	-	
MA Damper Position	-	
MA Damper Type	-	
OA Damper Position	-	
OA Damper Type	-	
Min OA Damper Position	-	
Min OA Damper Type	-	
Econo Damper Position	-	
Econo Damper Type	-	
Relief Damper Position	-	
Relief Damper Type	-	
OA Enthalpy Setpt	-	
Brake Horse Power	-	

Performance Data		
	Design	Actual
Return Duct SP	-	
MA Plenum SP	-	
Fan Suction SP	-	
Fan Discharge SP	-	
Supply Duct SP	-	
Total ESP	-	
Fan Total SP	-	
Pre-Filter Delta SP	-	
PreHeat Coil Delta SP	-	
DX Coil Delta SP	-	
CHW Coil Delta SP	-	
HW Coil Delta SP	-	
Steam Coil Delta SP	-	
Final Filters Delta SP	-	
Heat Wheel (Exh) Delta SP	-	
Heat Wheel (Sup) Delta SP	-	
OA Temp (db/wb)	-	
RA Temp (db/wb)	-	
MA Temp (db/wb)	-	
SA Temp (db/wb)	-	
HW Coil Delta T	-	
CW Coil Delta T	-	
Coil Delta T	-	
Heat Wheel(Exh) Delta T	-	
Heat Wheel(Sup) Delta T	-	

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

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Notes:

VAV - Single Duct

AHU2/

Asset	Area Served							
AHU2-VAV1		**MFG**	**Model Num**	**Serial Num**	**Design Service**	**Service**	**Type**	**Size**
		xz45645654645	x3465645	43756478456		567567457567	56764876548	5675675675
		Design Max CFM	**Max CFM**	**Design Min CFM**	**Min CFM**	**Design Heat CFM**	**Heat CFM**	**Ak (max)**
		567567567	65465465464654	124654646446	46549879465474654	654654965465	646479654	6575746544
		Ak (min)	**Ak (heat)**	**Damper SetPt**	**Diversity Test 1**	**Diversity Test 2**	**Design EAT (F - db/wb)**	**EAT (F - db/wb)**
		98798798798	89479879	64654	87965465	654644		7486789987
		Design LAT (F - db/wb)	**LAT (F - db/wb)**	**Inlet SP**	**Discharge SP**			
			98779	98798777	97879878			
AHU2-VAV2		**MFG**	**Model Num**	**Serial Num**	**Design Service**	**Service**	**Type**	**Size**
		xz654	6878979	987987		9879798	9879879	9879898
		Design Max CFM	**Max CFM**	**Design Min CFM**	**Min CFM**	**Design Heat CFM**	**Heat CFM**	**Ak (max)**
		89798	9879	979	7979	797	97	998798
		Ak (min)	**Ak (heat)**	**Damper SetPt**	**Diversity Test 1**	**Diversity Test 2**	**Design EAT (F - db/wb)**	**EAT (F - db/wb)**
		987979	79	798	79	79		9889789
		Design LAT (F - db/wb)	**LAT (F - db/wb)**	**Inlet SP**	**Discharge SP**			
			98798798	987987897	9877987			
AHU2-VAV3		**MFG**	**Model Num**	**Serial Num**	**Design Service**	**Service**	**Type**	**Size**
		xz	x	87987		54757	98798	788878
		Design Max CFM	**Max CFM**	**Design Min CFM**	**Min CFM**	**Design Heat CFM**	**Heat CFM**	**Ak (max)**
		65456	6584	456	456	645	456	465
		Ak (min)	**Ak (heat)**	**Damper SetPt**	**Diversity Test 1**	**Diversity Test 2**	**Design EAT (F - db/wb)**	**EAT (F - db/wb)**
		645	645	645	645	79		6485465456
		Design LAT (F - db/wb)	**LAT (F - db/wb)**	**Inlet SP**	**Discharge SP**			
			6546	56895647	99987897			

Diffuser Supply (GRD)

AHU2/

Asset	Area Served							
AHU2-SGRD1		**MFG**	**Model Num**	**Type**	**Size**	**DESIGN CFM**	**AK**	**VEL(1)**
		dd	ewrr					
		CFM(1)	**VEL(2)**	**CFM(2)**	**FINAL CFM**	**% to design**		
AHU2-SGRD2		**MFG**	**Model Num**	**Type**	**Size**	**DESIGN CFM**	**AK**	**VEL(1)**
		dd	ewrr					
		CFM(1)	**VEL(2)**	**CFM(2)**	**FINAL CFM**	**% to design**		

AHU2-VAV1/

Asset	Area Served							
AHU2-VAV1-SGRD1		**MFG**	**Model Num**	**Type**	**Size**	**DESIGN CFM**	**AK**	**VEL(1)**
		d	c	654654654645656	5646465565	4654654	6464646	645654646
		CFM(1)	**VEL(2)**	**CFM(2)**	**FINAL CFM**	**% to design**		
		646546	64654	65465	654654	6464		
AHU2-VAV1-SGRD2		**MFG**	**Model Num**	**Type**	**Size**	**DESIGN CFM**	**AK**	**VEL(1)**
		d	c					
		CFM(1)	**VEL(2)**	**CFM(2)**	**FINAL CFM**	**% to design**		

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Asset	Area Served	Notes