Report By:

Chetu Development
Test add 11
Test add 22
Noida, AL 44444

Report: Test Report

Function: Test, Adjust, & Balance

Date: 12/29/2023

PROJECT

9 Nov Project

Test main street1

Noida, CA 28972

Client

Vipul Company

dfghfdgfdg

ggfhghgfhfgdh, AZ 45545

Chetu Development

Project: 9 Nov Project

Table Of Contents

Chetu Development

Project: 9 Nov Project

System/Unit: AHU-DUAL FAN

Asset: AHU(DF)1 AREA:

UNIT DATA - SUPPLY		
	Design	Actual
Manufacturer	MFG	MFG
Model Number	MO	MO
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	-	

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	-	

Completed By: Gulshan Kumar on 12/29/2023

Notes:
Test QA
Test QA
QA

Written By: Gulshan Kumar on 12/29/2023

Chetu Development

Project:9 Nov Project

AHU-DUAL FAN

VAV - Single Duct

AHU(DF)1/

Asset							
AHU(DF)1-VAV1	**MFG**	**Model Num**	**Serial Num**	**Design Service**	**Service**	**Type**	**Inlet Size**
	MFG	MO	2	4	4	4	4
	Design Max CFM	**Max CFM**	**Design Min CFM**	**Min CFM**	**Design Heat CFM**	**Heat CFM**	**Ak (max)**
	Ak (min)	**Ak (heat)**	**Damper SetPt**	**Diversity Test 1**	**Diversity Test 2**	**Design EAT (F - db/wb)**	**EAT (F - db/wb)**
	Design LAT (F - db/wb)	**LAT (F - db/wb)**	**Inlet SP**	**Discharge SP**			
AHU(DF)1-VAV2	**MFG**	**Model Num**	**Serial Num**	**Design Service**	**Service**	**Type**	**Inlet Size**
	MFG	MO					
	Design Max CFM	**Max CFM**	**Design Min CFM**	**Min CFM**	**Design Heat CFM**	**Heat CFM**	**Ak (max)**
	Ak (min)	**Ak (heat)**	**Damper SetPt**	**Diversity Test 1**	**Diversity Test 2**	**Design EAT (F - db/wb)**	**EAT (F - db/wb)**
	Design LAT (F - db/wb)	**LAT (F - db/wb)**	**Inlet SP**	**Discharge SP**			
AHU(DF)1-VAV3	**MFG**	**Model Num**	**Serial Num**	**Design Service**	**Service**	**Type**	**Inlet Size**
	MFG	MO					
	Design Max CFM	**Max CFM**	**Design Min CFM**	**Min CFM**	**Design Heat CFM**	**Heat CFM**	**Ak (max)**
	Ak (min)	**Ak (heat)**	**Damper SetPt**	**Diversity Test 1**	**Diversity Test 2**	**Design EAT (F - db/wb)**	**EAT (F - db/wb)**
	Design LAT (F - db/wb)	**LAT (F - db/wb)**	**Inlet SP**	**Discharge SP**			
AHU(DF)1-VAV4	**MFG**	**Model Num**	**Serial Num**	**Design Service**	**Service**	**Type**	**Inlet Size**
	MFG	MO					
	Design Max CFM	**Max CFM**	**Design Min CFM**	**Min CFM**	**Design Heat CFM**	**Heat CFM**	**Ak (max)**
	Ak (min)	**Ak (heat)**	**Damper SetPt**	**Diversity Test 1**	**Diversity Test 2**	**Design EAT (F - db/wb)**	**EAT (F - db/wb)**
	Design LAT (F - db/wb)	**LAT (F - db/wb)**	**Inlet SP**	**Discharge SP**			
AHU(DF)1-VAV5	**MFG**	**Model Num**	**Serial Num**	**Design Service**	**Service**	**Type**	**Inlet Size**
	MFG	MO					

	Design Max CFM	Max CFM	Design Min CFM	Min CFM	Design Heat CFM	Heat CFM	Ak (max)
	Ak (min)	Ak (heat)	Damper SetPt	Diversity Test 1	Diversity Test 2	Design EAT (F - db/wb)	EAT (F - db/wb)
	Design LAT (F - db/wb)	LAT (F - db/wb)	Inlet SP	Discharge SP			
AHU(DF)1-VAV6	MFG	Model Num	Serial Num	Design Service	Service	Type	Inlet Size
	MFG	MO					
	Design Max CFM	Max CFM	Design Min CFM	Min CFM	Design Heat CFM	Heat CFM	Ak (max)
	Ak (min)	Ak (heat)	Damper SetPt	Diversity Test 1	Diversity Test 2	Design EAT (F - db/wb)	EAT (F - db/wb)
	Design LAT (F - db/wb)	LAT (F - db/wb)	Inlet SP	Discharge SP			
AHU(DF)1-VAV7	MFG	Model Num	Serial Num	Design Service	Service	Type	Inlet Size
	MFG	MO					
	Design Max CFM	Max CFM	Design Min CFM	Min CFM	Design Heat CFM	Heat CFM	Ak (max)
	Ak (min)	Ak (heat)	Damper SetPt	Diversity Test 1	Diversity Test 2	Design EAT (F - db/wb)	EAT (F - db/wb)
	Design LAT (F - db/wb)	LAT (F - db/wb)	Inlet SP	Discharge SP			
AHU(DF)1-VAV8	MFG	Model Num	Serial Num	Design Service	Service	Type	Inlet Size
	MFG	MO					
	Design Max CFM	Max CFM	Design Min CFM	Min CFM	Design Heat CFM	Heat CFM	Ak (max)
	Ak (min)	Ak (heat)	Damper SetPt	Diversity Test 1	Diversity Test 2	Design EAT (F - db/wb)	EAT (F - db/wb)
	Design LAT (F - db/wb)	LAT (F - db/wb)	Inlet SP	Discharge SP			
AHU(DF)1-VAV9	MFG	Model Num	Serial Num	Design Service	Service	Type	Inlet Size
	MFG	MO					
	Design Max CFM	Max CFM	Design Min CFM	Min CFM	Design Heat CFM	Heat CFM	Ak (max)
	Ak (min)	Ak (heat)	Damper SetPt	Diversity Test 1	Diversity Test 2	Design EAT (F - db/wb)	EAT (F - db/wb)
	Design LAT (F - db/wb)	LAT (F - db/wb)	Inlet SP	Discharge SP			
AHU(DF)1-VAV10	MFG	Model Num	Serial Num	Design Service	Service	Type	Inlet Size
	MFG	MO					
	Design Max CFM	Max CFM	Design Min CFM	Min CFM	Design Heat CFM	Heat CFM	Ak (max)
	Ak (min)	Ak (heat)	Damper SetPt	Diversity Test 1	Diversity Test 2	Design EAT (F - db/wb)	EAT (F - db/wb)

	Design LAT (F - db/wb)	LAT (F - db/wb)	Inlet SP	Discharge SP			
AHU(DF)1-VAV11	MFG	Model Num	Serial Num	Design Service	Service	Type	Inlet Size
	MFG	MO					
	Design Max CFM	Max CFM	Design Min CFM	Min CFM	Design Heat CFM	Heat CFM	Ak (max)
	Ak (min)	Ak (heat)	Damper SetPt	Diversity Test 1	Diversity Test 2	Design EAT (F - db/wb)	EAT (F - db/wb)
	Design LAT (F - db/wb)	LAT (F - db/wb)	Inlet SP	Discharge SP			
AHU(DF)1-VAV12	MFG	Model Num	Serial Num	Design Service	Service	Type	Inlet Size
	MFG	MO					
	Design Max CFM	Max CFM	Design Min CFM	Min CFM	Design Heat CFM	Heat CFM	Ak (max)
	Ak (min)	Ak (heat)	Damper SetPt	Diversity Test 1	Diversity Test 2	Design EAT (F - db/wb)	EAT (F - db/wb)
	Design LAT (F - db/wb)	LAT (F - db/wb)	Inlet SP	Discharge SP			
AHU(DF)1-VAV13	MFG	Model Num	Serial Num	Design Service	Service	Type	Inlet Size
	MFG	MO					
	Design Max CFM	Max CFM	Design Min CFM	Min CFM	Design Heat CFM	Heat CFM	Ak (max)
	Ak (min)	Ak (heat)	Damper SetPt	Diversity Test 1	Diversity Test 2	Design EAT (F - db/wb)	EAT (F - db/wb)
	Design LAT (F - db/wb)	LAT (F - db/wb)	Inlet SP	Discharge SP			
AHU(DF)1-VAV14	MFG	Model Num	Serial Num	Design Service	Service	Type	Inlet Size
	MFG	MO					
	Design Max CFM	Max CFM	Design Min CFM	Min CFM	Design Heat CFM	Heat CFM	Ak (max)
	Ak (min)	Ak (heat)	Damper SetPt	Diversity Test 1	Diversity Test 2	Design EAT (F - db/wb)	EAT (F - db/wb)
	Design LAT (F - db/wb)	LAT (F - db/wb)	Inlet SP	Discharge SP			
AHU(DF)1-VAV15	MFG	Model Num	Serial Num	Design Service	Service	Type	Inlet Size
	MFG	MO					
	Design Max CFM	Max CFM	Design Min CFM	Min CFM	Design Heat CFM	Heat CFM	Ak (max)
	Ak (min)	Ak (heat)	Damper SetPt	Diversity Test 1	Diversity Test 2	Design EAT (F - db/wb)	EAT (F - db/wb)
	Design LAT (F - db/wb)	LAT (F - db/wb)	Inlet SP	Discharge SP			
AHU(DF)1-VAV16	MFG	Model Num	Serial Num	Design Service	Service	Type	Inlet Size

	MFG	MO					
	Design Max CFM	**Max CFM**	**Design Min CFM**	**Min CFM**	**Design Heat CFM**	**Heat CFM**	**Ak (max)**
	Ak (min)	**Ak (heat)**	**Damper SetPt**	**Diversity Test 1**	**Diversity Test 2**	**Design EAT (F - db/wb)**	**EAT (F - db/wb)**
	Design LAT (F - db/wb)	**LAT (F - db/wb)**	**Inlet SP**	**Discharge SP**			
AHU(DF)1-VAV17	**MFG**	**Model Num**	**Serial Num**	**Design Service**	**Service**	**Type**	**Inlet Size**
	MFG	MO					
	Design Max CFM	**Max CFM**	**Design Min CFM**	**Min CFM**	**Design Heat CFM**	**Heat CFM**	**Ak (max)**
	Ak (min)	**Ak (heat)**	**Damper SetPt**	**Diversity Test 1**	**Diversity Test 2**	**Design EAT (F - db/wb)**	**EAT (F - db/wb)**
	Design LAT (F - db/wb)	**LAT (F - db/wb)**	**Inlet SP**	**Discharge SP**			
AHU(DF)1-VAV18	**MFG**	**Model Num**	**Serial Num**	**Design Service**	**Service**	**Type**	**Inlet Size**
	MFG	MO					
	Design Max CFM	**Max CFM**	**Design Min CFM**	**Min CFM**	**Design Heat CFM**	**Heat CFM**	**Ak (max)**
	Ak (min)	**Ak (heat)**	**Damper SetPt**	**Diversity Test 1**	**Diversity Test 2**	**Design EAT (F - db/wb)**	**EAT (F - db/wb)**
	Design LAT (F - db/wb)	**LAT (F - db/wb)**	**Inlet SP**	**Discharge SP**			
AHU(DF)1-VAV19	**MFG**	**Model Num**	**Serial Num**	**Design Service**	**Service**	**Type**	**Inlet Size**
	MFG	MO					
	Design Max CFM	**Max CFM**	**Design Min CFM**	**Min CFM**	**Design Heat CFM**	**Heat CFM**	**Ak (max)**
	Ak (min)	**Ak (heat)**	**Damper SetPt**	**Diversity Test 1**	**Diversity Test 2**	**Design EAT (F - db/wb)**	**EAT (F - db/wb)**
	Design LAT (F - db/wb)	**LAT (F - db/wb)**	**Inlet SP**	**Discharge SP**			
AHU(DF)1-VAV20	**MFG**	**Model Num**	**Serial Num**	**Design Service**	**Service**	**Type**	**Inlet Size**
	MFG	MO					
	Design Max CFM	**Max CFM**	**Design Min CFM**	**Min CFM**	**Design Heat CFM**	**Heat CFM**	**Ak (max)**
	Ak (min)	**Ak (heat)**	**Damper SetPt**	**Diversity Test 1**	**Diversity Test 2**	**Design EAT (F - db/wb)**	**EAT (F - db/wb)**
	Design LAT (F - db/wb)	**LAT (F - db/wb)**	**Inlet SP**	**Discharge SP**			
AHU(DF)1-VAV21	**MFG**	**Model Num**	**Serial Num**	**Design Service**	**Service**	**Type**	**Inlet Size**
	MFG	MO					
	Design Max CFM	**Max CFM**	**Design Min CFM**	**Min CFM**	**Design Heat CFM**	**Heat CFM**	**Ak (max)**

	Ak (min)	**Ak (heat)**	**Damper SetPt**	**Diversity Test 1**	**Diversity Test 2**	**Design EAT (F - db/wb)**	**EAT (F - db/wb)**
	Design LAT (F - db/wb)	**LAT (F - db/wb)**	**Inlet SP**	**Discharge SP**			
AHU(DF)1-VAV22	**MFG**	**Model Num**	**Serial Num**	**Design Service**	**Service**	**Type**	**Inlet Size**
	MFG	MO					
	Design Max CFM	**Max CFM**	**Design Min CFM**	**Min CFM**	**Design Heat CFM**	**Heat CFM**	**Ak (max)**
	Ak (min)	**Ak (heat)**	**Damper SetPt**	**Diversity Test 1**	**Diversity Test 2**	**Design EAT (F - db/wb)**	**EAT (F - db/wb)**
	Design LAT (F - db/wb)	**LAT (F - db/wb)**	**Inlet SP**	**Discharge SP**			
AHU(DF)1-VAV23	**MFG**	**Model Num**	**Serial Num**	**Design Service**	**Service**	**Type**	**Inlet Size**
	MFG	MO					
	Design Max CFM	**Max CFM**	**Design Min CFM**	**Min CFM**	**Design Heat CFM**	**Heat CFM**	**Ak (max)**
	Ak (min)	**Ak (heat)**	**Damper SetPt**	**Diversity Test 1**	**Diversity Test 2**	**Design EAT (F - db/wb)**	**EAT (F - db/wb)**
	Design LAT (F - db/wb)	**LAT (F - db/wb)**	**Inlet SP**	**Discharge SP**			
AHU(DF)1-VAV24	**MFG**	**Model Num**	**Serial Num**	**Design Service**	**Service**	**Type**	**Inlet Size**
	MFG	MO					
	Design Max CFM	**Max CFM**	**Design Min CFM**	**Min CFM**	**Design Heat CFM**	**Heat CFM**	**Ak (max)**
	Ak (min)	**Ak (heat)**	**Damper SetPt**	**Diversity Test 1**	**Diversity Test 2**	**Design EAT (F - db/wb)**	**EAT (F - db/wb)**
	Design LAT (F - db/wb)	**LAT (F - db/wb)**	**Inlet SP**	**Discharge SP**			

Diffuser Ret/Exh (GRD)

AHU(DF)1/

Asset												
Asset Name	Model Num	MFG	Type	Size	DESIGN CFM	AK	VEL(1)	CFM(1)	VEL(2)	CFM(2)	FINAL CFM	% to design
AHU(DF)1-EGRD1	MO	MFG										
AHU(DF)1-EGRD2	MO	MFG										
AHU(DF)1-EGRD3	MO	MFG										
AHU(DF)1-EGRD4	MO	MFG										
AHU(DF)1-EGRD5	MO	MFG										
AHU(DF)1-EGRD6	MO	MFG										
AHU(DF)1-EGRD7	MO	MFG										
AHU(DF)1-EGRD8	MO	MFG										
AHU(DF)1-EGRD9	MO	MFG										
AHU(DF)1-EGRD10	MO	MFG										
AHU(DF)1-EGRD11	MO	MFG										
AHU(DF)1-EGRD12	MO	MFG										
AHU(DF)1-EGRD13	MO	MFG										
AHU(DF)1-EGRD14	MO	MFG										
AHU(DF)1-EGRD15	MO	MFG										
AHU(DF)1-EGRD16	MO	MFG										
AHU(DF)1-EGRD17	MO	MFG										
AHU(DF)1-EGRD18	MO	MFG										
AHU(DF)1-EGRD19	MO	MFG										
AHU(DF)1-EGRD20	MO	MFG										
AHU(DF)1-EGRD21	MO	MFG										
AHU(DF)1-EGRD22	MO	MFG										
AHU(DF)1-EGRD23	MO	MFG										
AHU(DF)1-EGRD24	MO	MFG										
AHU(DF)1-EGRD25	MO	MFG										
AHU(DF)1-EGRD26	MO	MFG										
AHU(DF)1-EGRD27	MO	MFG										
AHU(DF)1-EGRD28	MO	MFG										
AHU(DF)1-EGRD29	MO	MFG										
AHU(DF)1-EGRD30	MO	MFG										
AHU(DF)1-EGRD31	MO	MFG										
AHU(DF)1-EGRD32	MO	MFG										
AHU(DF)1-EGRD33	MO	MFG										
AHU(DF)1-EGRD34	MO	MFG										
Total					0			0		0	0	0%

Diffuser Supply (GRD)

AHU(DF)1-VAV1/

Asset				
Asset Name	**Location**	**a7**	**FINAL CFM**	**% to design**
AHU(DF)1-VAV1-SGRD1				
AHU(DF)1-VAV1-SGRD2				
Total			0	

AHU(DF)1-VAV2/

Asset				
Asset Name	**Location**	**a7**	**FINAL CFM**	**% to design**
AHU(DF)1-VAV2-SGRD1				
AHU(DF)1-VAV2-SGRD2				
AHU(DF)1-VAV2-SGRD3				
Total			0	

AHU(DF)1-VAV3/

Asset				
Asset Name	**Location**	**a7**	**FINAL CFM**	**% to design**
AHU(DF)1-VAV3-SGRD1				
AHU(DF)1-VAV3-SGRD2				
Total			0	

Asset	Notes	Date	Written By
AHU(DF)1-VAV1	Test QA	11/09/2023	Gulshan Kumar

Chetu Development

Project: 9 Nov Project

System/Unit: AHU-DUAL FAN

Asset: AHU(DF)2 AREA:

UNIT DATA - SUPPLY		
	Design	Actual
Manufacturer	MFG	MFG
Model Number	MO	MO
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	-	

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	-	

Chetu Development

Project:9 Nov Project

AHU-DUAL FAN

VAV - Single Duct

AHU(DF)2/

Asset							
AHU(DF)2-VAV1	MFG	Model Num	Serial Num	Design Service	Service	Type	Inlet Size
	MFG	MO					
	Design Max CFM	Max CFM	Design Min CFM	Min CFM	Design Heat CFM	Heat CFM	Ak (max)
	Ak (min)	Ak (heat)	Damper SetPt	Diversity Test 1	Diversity Test 2	Design EAT (F - db/wb)	EAT (F - db/wb)
	Design LAT (F - db/wb)	LAT (F - db/wb)	Inlet SP	Discharge SP			
AHU(DF)2-VAV2	MFG	Model Num	Serial Num	Design Service	Service	Type	Inlet Size
	MFG	MO					
	Design Max CFM	Max CFM	Design Min CFM	Min CFM	Design Heat CFM	Heat CFM	Ak (max)
	Ak (min)	Ak (heat)	Damper SetPt	Diversity Test 1	Diversity Test 2	Design EAT (F - db/wb)	EAT (F - db/wb)
	Design LAT (F - db/wb)	LAT (F - db/wb)	Inlet SP	Discharge SP			

Diffuser Ret/Exh (GRD)

AHU(DF)2/

Asset												
Asset Name	Model Num	MFG	Type	Size	DESIGN CFM	AK	VEL(1)	CFM(1)	VEL(2)	CFM(2)	FINAL CFM	% to design
AHU(DF)2-EGRD1	MO	MFG										
AHU(DF)2-EGRD2	MO	MFG										
Total					0			0		0	0	0%

Diffuser Supply (GRD)

AHU(DF)2-VAV1/

Asset				
Asset Name	Location	a7	FINAL CFM	% to design
AHU(DF)2-VAV1-SGRD1				
AHU(DF)2-VAV1-SGRD2				
Total			0	

AHU(DF)2-VAV2/

Asset				
Asset Name	**Location**	**a7**	**FINAL CFM**	**% to design**
AHU(DF)2-VAV2-SGRD1				
AHU(DF)2-VAV2-SGRD2				
Total			0	

Asset	Notes	Date	Written By
AHU(DF)2-VAV2	Test QA Test Child	12/29/2023	Gulshan Kumar

Chetu Development

Project: 9 Nov Project

System/Unit: AHU-DUAL FAN

Asset: AHU(DF)3 AREA:

UNIT DATA - SUPPLY		
	Design	Actual
Manufacturer	MFG	MFG
Model Number	MO	MO
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	-	

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	-	

Chetu Development

Project:9 Nov Project

AHU-DUAL FAN

VAV - Single Duct

AHU(DF)3/

Asset							
AHU(DF)3-VAV1	MFG	Model Num	Serial Num	Design Service	Service	Type	Inlet Size
	MFG	MO					
	Design Max CFM	Max CFM	Design Min CFM	Min CFM	Design Heat CFM	Heat CFM	Ak (max)
	Ak (min)	Ak (heat)	Damper SetPt	Diversity Test 1	Diversity Test 2	Design EAT (F - db/wb)	EAT (F - db/wb)
	Design LAT (F - db/wb)	LAT (F - db/wb)	Inlet SP	Discharge SP			
AHU(DF)3-VAV2	MFG	Model Num	Serial Num	Design Service	Service	Type	Inlet Size
	MFG	MO					
	Design Max CFM	Max CFM	Design Min CFM	Min CFM	Design Heat CFM	Heat CFM	Ak (max)
	Ak (min)	Ak (heat)	Damper SetPt	Diversity Test 1	Diversity Test 2	Design EAT (F - db/wb)	EAT (F - db/wb)
	Design LAT (F - db/wb)	LAT (F - db/wb)	Inlet SP	Discharge SP			

Diffuser Ret/Exh (GRD)

AHU(DF)3/

Asset												
Asset Name	Model Num	MFG	Type	Size	DESIGN CFM	AK	VEL(1)	CFM(1)	VEL(2)	CFM(2)	FINAL CFM	% to design
AHU(DF)3-EGRD1	MO	MFG										
AHU(DF)3-EGRD2	MO	MFG										
Total					0			0		0	0	0%

Diffuser Supply (GRD)

AHU(DF)3-VAV1/

Asset				
Asset Name	Location	a7	FINAL CFM	% to design
AHU(DF)3-VAV1-SGRD1				
AHU(DF)3-VAV1-SGRD2				
AHU(DF)3-VAV1-SGRD3				
Total			0	

AHU(DF)3-VAV2/

Asset				
Asset Name	**Location**	**a7**	**FINAL CFM**	**% to design**
AHU(DF)3-VAV2-SGRD1				
AHU(DF)3-VAV2-SGRD2				
Total			0	

Chetu Development

Project: 9 Nov Project

System/Unit: FAN - Exhaust

Asset: EF1 AREA:

Unit Data		
	Design	**Actual**
MFG	MFG	MFG
Model Num	MO	MO
Serial Num	-	
Type	-	
Series	-	
Configuration	-	

Motor Data		
	Design	**Actual**
Motor MFG	-	
Frame	-	
Horsepower	-	
Motor Rpm	-	
Phase	-	
Voltage (rated)	-	
Amperage (rated)	-	
Service Factor	-	
Efficiency	-	
Power Factor	-	

Drive Data		
	Design	**Actual**
Motor Sheave MFG	-	
Motor Sheave Size	-	
Motor Bore Size	-	
Motor Sheave SetPt	-	
Fan Sheave MFG	-	
Fan Sheave Size	-	
Fan Sheave Bore	-	
Belt CL Distance	-	
Num of Belts	-	
Belt MFG	-	
Belt Size	-	
Belt Tension (deflection)	-	
Belt Alignment Verified	-	

Test Data		
	Design	**Actual**
CFM	-	
Fan RPM	-	
Fan Rotation	-	
Motor RPM	-	
Motor Frequency	-	
System SetPt	-	
RL Voltage	-	
RL Amperage	-	
Suction ESP	-	
Discharge ESP	-	
Total ESP	-	
Fan Inlet SP	-	
Fan Discharge SP	-	
Total Fan SP	-	
Brake Horse Power	-	

Chetu Development

Project:9 Nov Project

FAN - Exhaust

Diffuser Ret/Exh (GRD)

EF1/

Asset												
Asset Name	Model Num	MFG	Type	Size	DESIGN CFM	AK	VEL(1)	CFM(1)	VEL(2)	CFM(2)	FINAL CFM	% to design
EF1-EGRD1	MO	MFG										
EF1-EGRD2	MO	MFG										
EF1-EGRD3	MO	MFG										
Total					0			0		0	0	0%

Chetu Development

Project: 9 Nov Project

System/Unit: FAN - Exhaust

Asset: EF2 AREA:

Unit Data		
	Design	**Actual**
MFG	MFG	MFG
Model Num	MO	MO
Serial Num	-	
Type	-	
Series	-	
Configuration	-	

Motor Data		
	Design	**Actual**
Motor MFG	-	
Frame	-	
Horsepower	-	
Motor Rpm	-	
Phase	-	
Voltage (rated)	-	
Amperage (rated)	-	
Service Factor	-	
Efficiency	-	
Power Factor	-	

Drive Data		
	Design	**Actual**
Motor Sheave MFG	-	
Motor Sheave Size	-	
Motor Bore Size	-	
Motor Sheave SetPt	-	
Fan Sheave MFG	-	
Fan Sheave Size	-	
Fan Sheave Bore	-	
Belt CL Distance	-	
Num of Belts	-	
Belt MFG	-	
Belt Size	-	
Belt Tension (deflection)	-	
Belt Alignment Verified	-	

Test Data		
	Design	**Actual**
CFM	-	
Fan RPM	-	
Fan Rotation	-	
Motor RPM	-	
Motor Frequency	-	
System SetPt	-	
RL Voltage	-	
RL Amperage	-	
Suction ESP	-	
Discharge ESP	-	
Total ESP	-	
Fan Inlet SP	-	
Fan Discharge SP	-	
Total Fan SP	-	
Brake Horse Power	-	

Chetu Development

Project:9 Nov Project

FAN - Exhaust

Diffuser Ret/Exh (GRD)

EF2/

Asset												
Asset Name	Model Num	MFG	Type	Size	DESIGN CFM	AK	VEL(1)	CFM(1)	VEL(2)	CFM(2)	FINAL CFM	% to design
EF2-EGRD1	MO	MFG										
EF2-EGRD2	MO	MFG										
EF2-EGRD3	MO	MFG										
Total					0			0		0	0	0%

Chetu Development

Project: 9 Nov Project

System/Unit: FAN - Exhaust

Asset: EF3 AREA:

Unit Data		
	Design	**Actual**
MFG	MFG	MFG
Model Num	MO	MO
Serial Num	-	
Type	-	
Series	-	
Configuration	-	

Motor Data		
	Design	**Actual**
Motor MFG	-	
Frame	-	
Horsepower	-	
Motor Rpm	-	
Phase	-	
Voltage (rated)	-	
Amperage (rated)	-	
Service Factor	-	
Efficiency	-	
Power Factor	-	

Drive Data		
	Design	**Actual**
Motor Sheave MFG	-	
Motor Sheave Size	-	
Motor Bore Size	-	
Motor Sheave SetPt	-	
Fan Sheave MFG	-	
Fan Sheave Size	-	
Fan Sheave Bore	-	
Belt CL Distance	-	
Num of Belts	-	
Belt MFG	-	
Belt Size	-	
Belt Tension (deflection)	-	
Belt Alignment Verified	-	

Test Data		
	Design	**Actual**
CFM	-	
Fan RPM	-	
Fan Rotation	-	
Motor RPM	-	
Motor Frequency	-	
System SetPt	-	
RL Voltage	-	
RL Amperage	-	
Suction ESP	-	
Discharge ESP	-	
Total ESP	-	
Fan Inlet SP	-	
Fan Discharge SP	-	
Total Fan SP	-	
Brake Horse Power	-	

Chetu Development

Project: 9 Nov Project

System/Unit: FAN - Supply

Asset: SF1 AREA:

Unit Data		
	Design	Actual
MFG	MFG	MFG
Model Num	MO	MO
Serial Num	-	
Type	-	
Series	-	
Configuration	-	
Num Filters Size 1	-	
Filter Size 1	-	
Num Filters Size 2	-	
Filter Size 2	-	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	-	
Motor Rpm	-	
Phase	-	
Voltage (rated)	-	
Amperage (rated)	-	
Service Factor	-	
Efficiency	-	
Power Factor	-	

Drive Data		
	Design	Actual
Motor Sheave MFG	-	
Motor Sheave Size	-	
Motor Bore Size	-	
Motor Sheave SetPt	-	
Fan Sheave MFG	-	
Fan Sheave Size	-	
Fan Sheave Bore	-	
Belt CL Distance	-	
Num of Belts	-	
Belt MFG	-	
Belt Size	-	
Belt Tension (deflection)	-	
Belt Alignment Verified	-	

Test Data		
	Design	Actual
CFM	-	
SF RPM	-	
SF Rotation	-	
Motor RPM	-	
Motor Frequency	-	
SF System SetPt	-	
RL Voltage	-	
RL Amperage	-	
Suction ESP	-	
Discharge ESP	-	
Total ESP	-	
Fan Inlet SP	-	
Fan Discharge SP	-	
Freeze Stat Setpt	-	
Total Fan SP	-	
Brake Horse Power	-	
Compressor Lockout Setpt	-	

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	-	

Gas Heat		
	Design	Actual
BTUH	-	
EAT (db/wb)	-	
LAT (db/wb)	-	
Gas Type	-	
Burner Type	-	
Burner Construction	-	
Input BTUH (rated)	-	
Output BTUH (rated)	-	
Gas Inlet Pres	-	
Gas Low Fire Pres	-	
Gas High Fire Pres	-	
Gas Valve Low Fire CTRL Voltage	-	
Low Fire Temp Rise (F)	-	
Gas Valve High Fire CTRL Voltage	-	
High Fire Temp Rise (F)	-	
Pilot Ignition Status (pass/fail)	-	
Gas Valve Pilot Ignition CTRL Voltage	-	
Flame Proving Switch Type	-	
Flame proof CTRL Voltage	-	
Single or Dual Bank	-	
Staged or Modulating	-	
Heater Operates (y/n)	-	
Combustion Blower Operates (y/n)	-	
Flame Status (pass/fail)	-	
High Limit Temp Cut-off SetPt	-	
Inlet Air Temp SetPt	-	
Discharge Air Temp SetPt	-	
Temp Rise SetPt	-	
Air Flow Switch SP SetPt	-	
Air Flow Switch SP Actual	-	
Air Flow Switch CTRL Voltage	-	
Air Flow Switch Proved (Pass/Fail)	-	
Space Temp SetPt-ON	-	
Space Temp SetPt-OFF	-	
Flame Modulates Properly	-	

Chilled Water Coil		
	Design	Actual
BTUH	-	
EAT (db/wb)	-	
LAT (db/wb)	-	
Coil Size (hxl)	-	
Coil Area	-	
Coil Face Velocity	-	
GPM CIRCUIT 1	-	
Water Inlet Temp (F)	-	
Water Discharge Temp (F)	-	
Water Coil Delta P	-	
GPM CIRCUIT 2	-	
Inlet SP	-	
Discharge SP	-	
Coil Delta SP	-	

Evaporator DX Coil		
	Design	Actual
BTUH	-	
EAT (db/wb)	-	
LAT (db/wb)	-	
Coil Size (hxl)	-	
Coil Area	-	
Coil Face Velocity	-	
Refrigeration Type	-	
Circuit 1 SetPt (F)	-	
Circuit 1 EAT (db/wb)	-	
Circuit 1 LAT (db/wb)	-	
Circuit 2 SetPt (F)	-	
Circuit 2 EAT (db/wb)	-	
Circuit 2 LAT (db/wb)	-	
Inlet SP	-	
Discharge SP	-	
Coil Delta SP	-	

Evaporative Cooler		
	Design	Actual
BTUH	-	
EAT (db/wb)	-	
LAT (db/wb)	-	
EAT SetPt (F)	-	
Filter Media Size (hxl)	-	
Filter Media Area	-	
Filter Media Face Velocity	-	
EWT (F)	-	
LWT (F)	-	
Inlet SP	-	
Discharge SP	-	
Coil Delta SP	-	

Electric Coil		
	Design	Actual
KW	-	
EAT (db/wb)	-	
LAT (db/wb)	-	
BTUH	-	
Coil Size (hxl)	-	
Coil Area	-	
Coil Face Velocity	-	
Voltage	-	
Heat Stage 1 RL (A)	-	
Heat Stage 2 RL (A)	-	
Heat Stage 3 RL (A)	-	
Heat Stage 4 RL (A)	-	
Heat Stage 5 RL (A)	-	
Heat Stage 6 RL (A)	-	
Inlet SP	-	
Discharge SP	-	
Coil Delta SP	-	
High Limit Temp Cut-off SetPt	-	
Temp Rise SetPt	-	
Discharge Temp SetPt	-	
Inlet Air Temp SetPt	-	
Air Flow Switch SP	-	
Air Flow Switch CTRL Voltage	-	
Space Temp SetPt-ON	-	
Space Temp SetPt-OFF	-	
Coil Staging Functional	-	

Hot Water Coil		
	Design	Actual
BTUH	-	
EAT (db/wb)	-	
LAT (db/wb)	-	
Coil Size (hxl)	-	
Coil Area	-	
Coil Face Velocity	-	
GPM CIRCUIT 1	-	
EWT (F)	-	
LWT (F)	-	
Water Coil Delta P	-	
GPM CIRCUIT 2	-	
Inlet SP	-	
Discharge SP	-	
Coil Delta SP	-	

Steam Coil		
	Design	Actual
BTUH	-	
EAT (db/wb)	-	
LAT (db/wb)	-	
Coil Size (hxl)	-	
Coil Area	-	
Coil Face Velocity	-	
Steam Coil-Circuit 1 Delta P	-	
Steam Inlet Temp (F)	-	
Steam Discharge Temp (F)	-	
Steam Coil-Circuit 2 Delta P	-	
Inlet SP	-	
Discharge SP	-	
Coil Delta SP	-	

Compressors		
	Design	Actual
Refrigerant Charge	-	
Refrigerant Type	-	
Comp 1 RLA	-	
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	-	

General		
	Design	Actual
Unit free of Damage	-	
Unit Completely Assembled	-	
Unit Leveled	-	
Curb & Unit Installed Air Tight	-	
Controls Complete	-	
Fan Rotation Correct	-	
Fan Belt Condition	-	
Unit Filters Clean	-	
Evap Coil Clean	-	
Evap Coil Free of Frost	-	
Condensor Coil Clean	-	
Condensor Fins Straight	-	
Refrigerant Sight Glass Dry	-	
Condensate Drain Installed	-	
Crankcase Heaters Operate	-	

Condensor DX Coil		
	Design	Actual
BTUH	-	
EAT (db/wb)	-	
LAT (db/wb)	-	
Coil Size (hxl)	-	
Coil Area	-	
Coil Face Velocity	-	
Refrigeration Type	-	
Circuit 1 SetPt (F)	-	
CIRCUIT 1 EAT (db/wb)	-	
CIRCUIT 1 LAT (db/wb)	-	
Circuit 2 SetPt (F)	-	
CIRCUIT 2 EAT (db/wb)	-	
CIRCUIT 2 LAT (db/wb)	-	

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

Chetu Development

Project: 9 Nov Project

System/Unit: FAN - Supply

Asset: SF2 AREA:

Unit Data		
	Design	**Actual**
MFG	MFG	MFG
Model Num	MO	MO
Serial Num	-	
Type	-	
Series	-	
Configuration	-	
Num Filters Size 1	-	
Filter Size 1	-	
Num Filters Size 2	-	
Filter Size 2	-	

Motor Data		
	Design	**Actual**
Motor MFG	-	
Frame	-	
Horsepower	-	
Motor Rpm	-	
Phase	-	
Voltage (rated)	-	
Amperage (rated)	-	
Service Factor	-	
Efficiency	-	
Power Factor	-	

Drive Data		
	Design	**Actual**
Motor Sheave MFG	-	
Motor Sheave Size	-	
Motor Bore Size	-	
Motor Sheave SetPt	-	
Fan Sheave MFG	-	
Fan Sheave Size	-	
Fan Sheave Bore	-	
Belt CL Distance	-	
Num of Belts	-	
Belt MFG	-	
Belt Size	-	
Belt Tension (deflection)	-	
Belt Alignment Verified	-	

Test Data		
	Design	**Actual**
CFM	-	
SF RPM	-	
SF Rotation	-	
Motor RPM	-	
Motor Frequency	-	
SF System SetPt	-	
RL Voltage	-	
RL Amperage	-	
Suction ESP	-	
Discharge ESP	-	
Total ESP	-	
Fan Inlet SP	-	
Fan Discharge SP	-	
Freeze Stat Setpt	-	
Total Fan SP	-	
Brake Horse Power	-	
Compressor Lockout Setpt	-	

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	-	

Gas Heat		
	Design	Actual
BTUH	-	
EAT (db/wb)	-	
LAT (db/wb)	-	
Gas Type	-	
Burner Type	-	
Burner Construction	-	
Input BTUH (rated)	-	
Output BTUH (rated)	-	
Gas Inlet Pres	-	
Gas Low Fire Pres	-	
Gas High Fire Pres	-	
Gas Valve Low Fire CTRL Voltage	-	
Low Fire Temp Rise (F)	-	
Gas Valve High Fire CTRL Voltage	-	
High Fire Temp Rise (F)	-	
Pilot Ignition Status (pass/fail)	-	
Gas Valve Pilot Ignition CTRL Voltage	-	
Flame Proving Switch Type	-	
Flame proof CTRL Voltage	-	
Single or Dual Bank	-	
Staged or Modulating	-	
Heater Operates (y/n)	-	
Combustion Blower Operates (y/n)	-	
Flame Status (pass/fail)	-	
High Limit Temp Cut-off SetPt	-	
Inlet Air Temp SetPt	-	
Discharge Air Temp SetPt	-	
Temp Rise SetPt	-	
Air Flow Switch SP SetPt	-	
Air Flow Switch SP Actual	-	
Air Flow Switch CTRL Voltage	-	
Air Flow Switch Proved (Pass/Fail)	-	
Space Temp SetPt-ON	-	
Space Temp SetPt-OFF	-	
Flame Modulates Properly	-	

Chilled Water Coil		
	Design	Actual
BTUH	-	
EAT (db/wb)	-	
LAT (db/wb)	-	
Coil Size (hxl)	-	
Coil Area	-	
Coil Face Velocity	-	
GPM CIRCUIT 1	-	
Water Inlet Temp (F)	-	
Water Discharge Temp (F)	-	
Water Coil Delta P	-	
GPM CIRCUIT 2	-	
Inlet SP	-	
Discharge SP	-	
Coil Delta SP	-	

Evaporator DX Coil		
	Design	Actual
BTUH	-	
EAT (db/wb)	-	
LAT (db/wb)	-	
Coil Size (hxl)	-	
Coil Area	-	
Coil Face Velocity	-	
Refrigeration Type	-	
Circuit 1 SetPt (F)	-	
Circuit 1 EAT (db/wb)	-	
Circuit 1 LAT (db/wb)	-	
Circuit 2 SetPt (F)	-	
Circuit 2 EAT (db/wb)	-	
Circuit 2 LAT (db/wb)	-	
Inlet SP	-	
Discharge SP	-	
Coil Delta SP	-	

Evaporative Cooler		
	Design	Actual
BTUH	-	
EAT (db/wb)	-	
LAT (db/wb)	-	
EAT SetPt (F)	-	
Filter Media Size (hxl)	-	
Filter Media Area	-	
Filter Media Face Velocity	-	
EWT (F)	-	
LWT (F)	-	
Inlet SP	-	
Discharge SP	-	
Coil Delta SP	-	

Electric Coil		
	Design	Actual
KW	-	
EAT (db/wb)	-	
LAT (db/wb)	-	
BTUH	-	
Coil Size (hxl)	-	
Coil Area	-	
Coil Face Velocity	-	
Voltage	-	
Heat Stage 1 RL (A)	-	
Heat Stage 2 RL (A)	-	
Heat Stage 3 RL (A)	-	
Heat Stage 4 RL (A)	-	
Heat Stage 5 RL (A)	-	
Heat Stage 6 RL (A)	-	
Inlet SP	-	
Discharge SP	-	
Coil Delta SP	-	
High Limit Temp Cut-off SetPt	-	
Temp Rise SetPt	-	
Discharge Temp SetPt	-	
Inlet Air Temp SetPt	-	
Air Flow Switch SP	-	
Air Flow Switch CTRL Voltage	-	
Space Temp SetPt-ON	-	
Space Temp SetPt-OFF	-	
Coil Staging Functional	-	

Hot Water Coil		
	Design	Actual
BTUH	-	
EAT (db/wb)	-	
LAT (db/wb)	-	
Coil Size (hxl)	-	
Coil Area	-	
Coil Face Velocity	-	
GPM CIRCUIT 1	-	
EWT (F)	-	
LWT (F)	-	
Water Coil Delta P	-	
GPM CIRCUIT 2	-	
Inlet SP	-	
Discharge SP	-	
Coil Delta SP	-	

Steam Coil		
	Design	Actual
BTUH	-	
EAT (db/wb)	-	
LAT (db/wb)	-	
Coil Size (hxl)	-	
Coil Area	-	
Coil Face Velocity	-	
Steam Coil-Circuit 1 Delta P	-	
Steam Inlet Temp (F)	-	
Steam Discharge Temp (F)	-	
Steam Coil-Circuit 2 Delta P	-	
Inlet SP	-	
Discharge SP	-	
Coil Delta SP	-	

Compressors		
	Design	Actual
Refrigerant Charge	-	
Refrigerant Type	-	
Comp 1 RLA	-	
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	-	

General		
	Design	Actual
Unit free of Damage	-	
Unit Completely Assembled	-	
Unit Leveled	-	
Curb & Unit Installed Air Tight	-	
Controls Complete	-	
Fan Rotation Correct	-	
Fan Belt Condition	-	
Unit Filters Clean	-	
Evap Coil Clean	-	
Evap Coil Free of Frost	-	
Condensor Coil Clean	-	
Condensor Fins Straight	-	
Refrigerant Sight Glass Dry	-	
Condensate Drain Installed	-	
Crankcase Heaters Operate	-	

Condensor DX Coil		
	Design	Actual
BTUH	-	
EAT (db/wb)	-	
LAT (db/wb)	-	
Coil Size (hxl)	-	
Coil Area	-	
Coil Face Velocity	-	
Refrigeration Type	-	
Circuit 1 SetPt (F)	-	
CIRCUIT 1 EAT (db/wb)	-	
CIRCUIT 1 LAT (db/wb)	-	
Circuit 2 SetPt (F)	-	
CIRCUIT 2 EAT (db/wb)	-	
CIRCUIT 2 LAT (db/wb)	-	

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

Chetu Development

Project: 9 Nov Project

System/Unit: Kitchen Hood Type I

Asset: HD1 AREA:

Unit Data		
	Design	**Actual**
MFG	MFG	MFG
Model Num	MO	MO
Job / Serial Num	-	
Type	-	
Hood length	-	
Hood Width	-	
Hood Height	-	
Num of EXH Risers	-	
EXH Riser size 1	-	
EXH Riser Size 2	-	
Num of Supply Risers	-	
Supply Riser Size	-	
Supply Plenum Type	-	
Supply Plenum Width	-	
Supply Plenum Length	-	

Test Data Exhaust		
	Design	**Actual**
Filter Type	-	
Filter Size 1	-	
Filter Size 2	-	
Filter Qty 1	-	
Filter Qty 2	-	
Filter AK factor size 1	-	
Filters AK factor size 2	-	
Filter Total AK Area	-	
Kv factor (Vel)	-	
Plenum SP	-	
Riser SP	-	
Filter1 FPM	-	
Filter2 FPM	-	
Filter3 FPM	-	
Filter4 FPM	-	
Filter5 FPM	-	
Filter6 FPM	-	
Filter7 FPM	-	
Filter8 FPM	-	
Filter9 FPM	-	
Filter10 FPM	-	
Filter11 FPM	-	
Filter12 FPM	-	
Filter High FPM(corr)	-	
Filter Low FPM (corr)	-	
Filter Ave FPM(corr)	-	
CFM	-	

Test Data Supply		
	Design	**Actual**
Plenum SP	-	
AK factor	-	
Total AK Area	-	
Kv factor (Vel)	-	
Num of Readings	-	
Reading1 FPM	-	
Reading2 FPM	-	
Reading3 FPM	-	
Reading4 FPM	-	
Reading5 FPM	-	
Reading6 FPM	-	
Reading7 FPM	-	
Reading8 FPM	-	
Reading9 FPM	-	
Reading10 FPM	-	
Reading11 FPM	-	
Reading12 FPM	-	
Reading13 FPM	-	
Reading14 FPM	-	
High FPM(corr)	-	
Low FPM(corr)	-	
Ave FPM(corr)	-	
CFM	-	

Cooking Equipment		
	Design	Actual
Item 1	-	
Item 2	-	
Item 3	-	
Item 4	-	
Item 5	-	
Item 6	-	
Item 7	-	
Item 8	-	
Item 9	-	
Item 10	-	

Performance Data		
	Design	Actual
Exh-Supply Net CFM	-	
Smoke Generation Type	-	
Cooking Equip Heat On	-	
Hood Capture %	-	
Smoke Capture @ Equip Surface %	-	
Smoke Capture @ Perim of Hood %	-	
Heat Loss (Box Shadow) %	-	
Rated Heat of Equip	-	
Supply Re-Entrainment %	-	
Exh Riser1 Pos (Left End)	-	
Exh Riser2 Pos (Right End)	-	
End Panels Installed (Y/N)	-	
Space Offset Temp Riser 1	-	
Heat Sensor High SetPt Riser 1	-	
Space Offset Temp Riser 2	-	
Heat Sensor High SetPt Riser 2	-	
Space Offset Temp Riser 3	-	
Heat Sensor High SetPt Riser 3	-	
Space Offset Temp Riser 4	-	
Heat Sensor High SetPt Riser 4	-	
Riser Temp F (idle) Riser 1	-	
Riser Temp F (idle) Riser 2	-	
Riser Temp F (idle) Riser 3	-	
Riser Temp F (idle) Riser 4	-	
Ambient Room Temp	-	
100% override functional	-	
electronic Gas Valve shut- off f(x)	-	

General		
	Design	Actual
Third Party Witness	-	
Third Party Company	-	
Tech Witness	-	
Tech Company	-	
Code Official Witness	-	
Jurisdiction	-	
Service/Startup Performed By	-	