

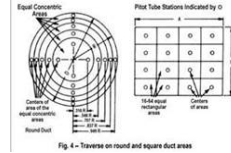


Main Office
6711 Distribution Drive
Beltsville, MD 20705
Phone (301) 931-9300
Fax (301) 931-0369

2228 Page Road, Ste 101
Durham, NC 27703
Phone (919) 381-5065
Fax (919) 381-5095

AIR BALANCE, WATER BALANCE, SOUND CONTROL, AND SYSTEM ADJUSTMENTS

RECTANGULAR DUCT TRAVERSE TEST REPORT



PROJECT: _____
SYSTEM / UNIT: _____

Width: _____"	Duct Area					Required				Actual				
	Sq Ft					Vel.		CFM		Vel.		CFM		
Height: _____"														
Zone: _____														
Position	1	2	3	4	5	6	7	8	9	10	11	12	13	14
1 >>>														
2 >>>														
3 >>>														
4 >>>														
5 >>>														
6 >>>														
7 >>>														
8 >>>														
9 >>>														
10 >>>														
11 >>>														
12 >>>														
13 >>>														
14 >>>														
15 >>>														
Subtotal	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Total FPM / Number of Readings = Average Velocity X Duct Area = CFM Final SP

Notes:
Filename: _____
Test Date: _____

Readings by: _____

Sample Test Report Sheet



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Air Conditioning & Ventilating Balancing & Testing

AIR BALANCE, WATER BALANCE, SOUND CONTROL, AND SYSTEM ADJUSTMENTS

AIR OUTLET TEST REPORT



PROJECT: _____
 SYSTEM: _____

Area Served	Outlet			Design		Preliminary		Final		Percent of Design
	Number	Size	"K" Factor	Vel.	CFM	Vel.	CFM	Vel.	CFM	
_____	1	_____	_____							
_____	2	_____	_____							
_____	3	_____	_____							
_____	4	_____	_____							
_____	5	_____	_____							
_____	6	_____	_____							
_____	7	_____	_____							
_____	8	_____	_____							
_____	9	_____	_____							
_____	10	_____	_____							
_____	11	_____	_____							
_____	12	_____	_____							
_____	13	_____	_____							
_____	14	_____	_____							
_____	15	_____	_____							
_____	16	_____	_____							
_____	17	_____	_____							
_____	18	_____	_____							
_____	19	_____	_____							
_____	20	_____	_____							
_____	21	_____	_____							
_____	22	_____	_____							
_____	23	_____	_____							
_____	24	_____	_____							
_____	25	_____	_____							
_____	26	_____	_____							
_____	27	_____	_____							

Sample Test Report Sheet

Page Total _____

Notes:

Filename: _____
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Beltsville, MD 20705
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AIR BALANCE, WATER BALANCE, SOUND CONTROL, AND SYSTEM ADJUSTMENTS

CIRCULATING WATER PUMP TEST REPORT



PROJECT: _____
SYSTEM: _____

PUMP DATA	UNIT NO.	UNIT NO.	UNIT NO.
Service	_____	_____	_____
Pump Manufacturer	_____	_____	_____
Model Number	_____	_____	_____
Serial Number	_____	_____	_____
Motor Manufacturer	_____	_____	_____
Motor HP	_____	_____	_____
Motor RPM	_____	_____	_____
Voltage	_____	_____	_____
Phase	_____	_____	_____
Motor Full Load Amperage (F.L.A.)	_____	_____	_____
Design GPM	_____	_____	_____
Design TDH	_____ FT.	_____ FT.	_____ FT.

TEST DATA			
No-Flow Discharge Pressure	_____ PSI	_____ PSI	_____ PSI
No-Flow Suction Pressure	_____ PSI	_____ PSI	_____ PSI
No-Flow Differential Pressure	_____ PSI	_____ PSI	_____ PSI
No-Flow T.D.H.	_____ FT.	_____ FT.	_____ FT.
Full-Flow Discharge Pressure	_____ PSI	_____ PSI	_____ PSI
Full-Flow Suction Pressure	_____ PSI	_____ PSI	_____ PSI
Full-Flow Differential Pressure	_____ PSI	_____ PSI	_____ PSI
Full-Flow T.D.H.	_____ FT.	_____ FT.	_____ FT.
Final Discharge Pressure	_____ PSI	_____ PSI	_____ PSI
Final Suction Pressure	_____ PSI	_____ PSI	_____ PSI
Final Differential Pressure	_____ PSI	_____ PSI	_____ PSI
Final T.D.H.	_____ FT.	_____ FT.	_____ FT.
Final Voltage	_____	_____	_____
Final Amperage	_____	_____	_____
Final B.H.P.	_____	_____	_____
Final GPM	_____	_____	_____

NOTES: _____

- NOTES / REMARKS
- 1) GPM determined by flow metering device - see flow meter test report.
 - 2) GPM determined by pump curve.

Filename: _____
Test Date: _____

Readings By: _____



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Air Conditioning & Ventilating Balancing & Testing

AIR BALANCE, WATER BALANCE, SOUND CONTROL, AND SYSTEM ADJUSTMENTS

COOLING COIL TEST REPORT									
PROJECT: _____									
SYSTEM: _____									
	SYSTEM		SYSTEM		SYSTEM		SYSTEM		
COIL DATA									
DESIGN CFM	_____		_____		_____		_____		
DESIGN MBH	_____		_____		_____		_____		
GPM Ent. Air D.B. Ent. Air W.B. Leav. Air D.B. Leav. Air W.B. Ent. Water Temp. Leav. Water Temp. Water T.D. P.D. FT H2O	Design	Actual	Design	Actual	Design	Actual	Design	Actual	
NOTES:									
Coil CFM	_____		_____		_____		_____		
Ent. Enthalpy	_____		_____		_____		_____		
Leav. Enthalpy	_____		_____		_____		_____		
Coil BTUH	_____		_____		_____		_____		
GPM (By T.D.)	_____		_____		_____		_____		
NOTES: 1) GPM determined by heat transfer.									
Filename: _____					Readings By: _____				
Test Date: _____									



Sample Test Report Sheet



Comfort Control Inc.

Air Conditioning & Ventilating Balancing & Testing

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AIR BALANCE, WATER BALANCE, SOUND CONTROL, AND SYSTEM ADJUSTMENTS

HEATING COIL TEST REPORT



PROJECT: _____
 SYSTEM: _____

COIL DATA	SYSTEM	SYSTEM	SYSTEM	SYSTEM																																																																
DESIGN CFM DESIGN MBH	_____ _____	_____ _____	_____ _____	_____ _____																																																																
GPM Ent. Air Temp. D.B. Leav. Air Temp. D.B. Ent. Water Temp. Leav Water Temp. Water T.D. P.D. Ft. H2O	<table border="1"> <thead> <tr> <th>Design</th> <th>Actual</th> </tr> </thead> <tbody> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </tbody> </table>	Design	Actual															<table border="1"> <thead> <tr> <th>Design</th> <th>Actual</th> </tr> </thead> <tbody> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </tbody> </table>	Design	Actual															<table border="1"> <thead> <tr> <th>Design</th> <th>Actual</th> </tr> </thead> <tbody> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </tbody> </table>	Design	Actual															<table border="1"> <thead> <tr> <th>Design</th> <th>Actual</th> </tr> </thead> <tbody> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </tbody> </table>	Design	Actual														
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NOTES:																																																																				
Coil CFM Coil Sensible BTUH GPM (Determined by _____)	_____ _____ _____	_____ _____ _____	_____ _____ _____	_____ _____ _____																																																																

- NOTES:
- 1) GPM determined by flow metering device - see flow meter test report
 - 2) GPM determined by pressure loss.
 - 3) GPM determined by heat transfer.

Filename: _____
 Test Date: _____

Readings By: _____

AIR BALANCE, WATER BALANCE, SOUND CONTROL, AND SYSTEM ADJUSTMENTS

SOUND PRESSURE LEVEL TEST REPORT



PROJECT:
 EQUIPMENT TESTED:
 TEST LOCATION:

N.C.: _____
 Actual N.C.: _____

TEST DATA	TESTED EQUIPMENT ON	TESTED EQUIPMENT OFF	DIFFERENCE	CORRECTION ALLOCATION	EQUIPMENT COMPONENT
-----------	---------------------	----------------------	------------	-----------------------	---------------------

OCTAVE BANDS

OCTAVE BANDS	TESTED EQUIPMENT ON	TESTED EQUIPMENT OFF	DIFFERENCE	CORRECTION ALLOCATION	EQUIPMENT COMPONENT
63					
125					
250					
500					
1000					
2000					
4000					
8000					

REMARKS:

Sample Test Report Sheet

OCTAVE BAND ANALYSIS

