

June 2010

Back²Basics

Solution

Based on Cx-3 ATC/FPT software

ATC-FPT Energy Retrocommissioned AHU-1

Mode:	Occupied-Max Cooling	Occupied-Min Heating	Occupied-Max Heating
Status:	7	8	9

Device	Tag	Description	Reaction	Status	Result	Status	Result	Status	Result
 BAS Computer	BAS computer	BAS Interface	Monitoring Normal power Emergency power Alarm indicated	X X	Pass/Fail Pass/Fail	X X	Pass/Fail Pass/Fail	X X	Pass/Fail Pass/Fail
 D-1	D-1	OA damper	Closed Open Modulating	X	Pass/Fail	X	Pass/Fail	X	Pass/Fail
 D-2	D-2	Return air damper	Closed Open Modulating	X X	Pass/Fail Pass/Fail	X X	Pass/Fail Pass/Fail	X X	Pass/Fail Pass/Fail
 D-3	D-3	Exhaust damper	Closed Open Modulating	X	Pass/Fail	X	Pass/Fail	X	Pass/Fail
 SF-1	SF-1	Supply air fan	Off On Modulating	X	Pass/Fail	X X	Pass/Fail Pass/Fail	X	Pass/Fail
 F-1	F-1	Filter	No signal Monitoring In alarm	X	Pass/Fail	X	Pass/Fail	X	Pass/Fail
 FMS	FMS	Flow measuring station	No signal Monitoring Alarm	X	Pass/Fail	X	Pass/Fail	X	Pass/Fail
 CC-1	CC-1	Cooling coil with three-way ATC valve	Closed Open Modulating By-pass	X	Pass/Fail	X X	Pass/Fail Pass/Fail	X	Pass/Fail
 HC-1	HC-1	Heating coil with three-way ATC valve	Closed Open Modulating By-pass	X	Pass/Fail	X X	Pass/Fail Pass/Fail	X	Pass/Fail
		Humidifier	Remove H-1	X	Pass/Fail	X	Pass/Fail	X	Pass/Fail
 CO2	CO2	CO ₂ sensor	No signal Monitoring Alarm	X	Pass/Fail	X	Pass/Fail	X	Pass/Fail
 DAT	DAT	Discharge air temperature	No signal Monitoring Alarm	X	Pass/Fail	X	Pass/Fail	X	Pass/Fail
 EAT	EAT	EA temperature	No signal Monitoring Alarm	X	Pass/Fail	X	Pass/Fail	X	Pass/Fail
 FZ-1	FZ-1	Freeze-stat	No signal Monitoring Alarm	X	Pass/Fail	X	Pass/Fail	X	Pass/Fail