

FEC CONTROLLER - FIELD CHECKOUT						FILE NAME:			
JOB NAME: C W Lewis Middle School				NAE #		REF DWG			
CONTRACT NO: 9N30-0131				TRUNK:		No.			
LOCATION: GYM				FC- ADDR: 9		BacNet Address 7057			
CHECKOUT INFORMATION:									
HDW POINT	SYS/OBJ NAME	INTERM. DEVICE		FIELD DEVICE		LOOP CHECK	SET POINT	PROP BAND	REMARKS
		TYPE	CHK	TYPE	CHK				
UI IN-1	Discharge Air Temp			TE-6311M-1	X				Note 3 & 12
UI IN-2	Return Air Temp			TE-6311M-1	X				Note 4 & 13
UI IN-3	Mixed Air Temp			TE-6315M-1	X				Note 5 & 14
UI IN-4	Return Air Quality			CD-P1000-00-00	X				Note 6 & 15
UI IN-5	Low Temp Alarm			A70GA-1	X				Note 7 & 16
UI IN-6									
BI IN-7	Supply Fan Status			CSD-CFOAO-1	X				Note 2
BI-IN-8	Discharge Air Smoke Alarm								Note 8
BO OUT-1	Supply Fan Command	Rib Relay	X						Note 2
BO OUT-2									
BO OUT-3									
CO OUT-4									
CO OUT-5									
CO OUT-6									
CO OUT-7									
AO OUT-8	Mixed Air Damper Output			M9208-GGA-2	X				Note 9 & 17
AO OUT-9	Preheat Output			VA9203-GGA-2Z	X				Note 10 & 18
SA Bus	Zone Temp/Warmer-Cooler								Note 11
() SYSTEM COMPLETELY FUNCTIONING ON:						(DATE)			
() POINTS SOFTWARE MAPPED ON:						(DATE)			
TIME SPENT COMMISSIONING SYSTEM:									
NOTES:									
1 Can not get to unit to verified devices. HJMcC - 6/2/20									
2 Override Command ON. Rib Relay Energized. But unit didn't Start.Had to set up Rib Safety Relay.									
Unit Started, but tripped after 1 Min. of run time. Did read ON status for as long as the unit was running									
This will need to be looked into. HJMcC - 6/2/20									
3 Reading 69Degs in CCT. Have no way of Verifying device. HJMcC - 6/2/20									
4 Reading 65Degs in CCT. Have no way of Verifying device. HJMcC - 6/2/20									
5 Reading 65Degs in CCT. Have no way of Verifying device. HJMcC - 6/2/20									
6 Reading 396PPM in CCT. Have no way of Verifying device. HJMcC - 6/2/20									
7 Took wire off Rib Relay Safety board. Read Alarm in CCT.Need to get to device to test.									
Command went to OFF. Preheat went to 100%.MAD went to 0%. HJMcC - 6/2/20									
8 Will need to be tested- HJMcC - 6/2/20									
9 Override Output 0% - 50% -100%. Could see damper. Didn't look like it moved. HJMcC - 6/2/20									
10 Can not get to the Actuator to see if it moves. Also the boiler are down, so can't tell by Temp.									
Will need to come back to. HJMcC - 6/2/20									
11 Reading 70Degs / 1- Degs- in CCT.HJMcC - 6/2/20									
12 Opened wire at device to test. Read ??? In CCT. Put wire back together. Read 67Degs in CCT. HJMcC - JQ - 6/8/20									
13 Opened wire at device to test. Read ??? In CCT. Put wire back together. Read 68Degs in CCT. HJMcC - JQ - 6/8/20									
14 Opened wire at device to test. Read ??? In CCT. Put wire back together. Read 70Degs in CCT. HJMcC - JQ - 6/8/20									
15 Opened wire at device to test. Read 186PPM In CCT. Put wire back together. Read 420PPM in CCT. HJMcC - JQ - 6/8/20									
16 Tripped device. Read Alarm in CCT. Unit shut OFF. Preheat went to 100%. Damper went to 0%. HJMcC - JQ - 6/8/20									
17 Override output 0% - 50% - 100%. Saw actuator move. Damper looks good.- HJMcC - JQ - 6/8/20									
18 Override output 0% - 50% - 100%. Saw Actuator/Valve move.- HJMcC - JQ - 6/8/20									
SIGNATURES:									
DATE:									

FEC CONTROLLER - FIELD CHECKOUT							FILE NAME:		
JOB NAME: C W Lewis Middle School				NAE #		REF DWG			
CONTRACT NO: 9N30-0131				TRUNK:		No.			
LOCATION: GYM				FC- ADDR: 10		BacNet Address 7058			
CHECKOUT INFORMATION:									
HDW POINT	SYS/OBJ NAME	INTERM. DEVICE		FIELD DEVICE		LOOP CHECK	SET POINT	PROP BAND	REMARKS
		TYPE	CHK	TYPE	CHK				
UI IN-1	Discharge Air Temp			TE-6311M-1	X				Note 3 & 12
UI IN-2	Return Air Temp			TE-6311M-1	X				Note 4 & 13
UI IN-3	Mixed Air Temp			TE-6315M-1	X				Note 5 & 14
UI IN-4	Return Air Quality			CD-P1000-00-00	X				Note 6 & 15
UI IN-5	Low Temp Alarm			A70GA-1	X				Note 7 & 16
UI IN-6									
BI IN-7	Supply Fan Status			CSD-CFOAO-1	X				Note 2
BI IN-8	Discharge Air Smoke Alarm								Note 9
BO OUT-1	Supply Fan Command	Rib Relay	X						Note 2
BO OUT-2									
BO OUT-3									
CO OUT-4									
CO OUT-5									
CO OUT-6									
CO OUT-7									
AO OUT-8	Mixed Air Damper Output			Belmo	X				Note 10 & 17
AO OUT-9	Preheat Output			VA92-3-GGA-2Z	X				Note 11 & 18
SA Bus	Zone Temp/Warmer-Cooler								Note 8
() SYSTEM COMPLETELY FUNCTIONING ON:						(DATE)			
() POINTS SOFTWARE MAPPED ON:						(DATE)			
TIME SPENT COMMISSIONING SYSTEM:									
NOTES:									
1 Can not get to unit to verified devices. HJMcC - 6/2/20									
2 Command was OFF. Read OFF in CCT for Status. Override Command ON. Unit started. Read ON for Status in CCT. Did have to setup Rib Relay Safety board.HJMcC - 6/2/20									
3 Reading 69Degr in CCT. Have no way of Verifying device. HJMcC - 6/2/20									
4 Reading 69Degr in CCT. Have no way of Verifying device. HJMcC - 6/2/20									
5 Reading 69Degr in CCT. Have no way of Verifying device. HJMcC - 6/2/20									
6 Reading 410PPM in CCT. Have no way of Verifying device. HJMcC - 6/2/20									
7 Took wire off Rib Relay Safety board. Read Alarm in CCT.Need to get to device to test. Command went to OFF. Preheat went to 100%.MAD went to 0%. HJMcC - 6/2/20									
8 Reading 69Degr / -0.3Degr- in CCT.HJMcC - 6/2/20									
9 Will need to be tested- HJMcC - 6/2/20									
10 Override output 0% - 50% - 100%. Saw actuator move. But can not see the damper. Will need to come back to. HJMcC - 6/2/20									
11 Can not get to the Actuator to see if it moves. Also the boiler are down, so can't tell by Temp. Will need to come back to. HJMcC - 6/2/20									
12 Opened wire at device to test. Read ??? In CCT. Put wire back together. Read 67Degr in CCT. HJMcC - JQ - 6/8/20									
13 Opened wire at device to test. Read ??? In CCT. Put wire back together. Read 68Degr in CCT. HJMcC - JQ - 6/8/20									
14 Opened wire at device to test. Read ??? In CCT. Put wire back together. Read 70Degr in CCT. HJMcC - JQ - 6/8/20									
15 Opened wire at device to test. Read 186PPM In CCT. Put wire back together. Read 420PPM in CCT. HJMcC - JQ - 6/8/20									
16 Tripped device. Read Alarm in CCT. Unit shut OFF. Preheat went to 100%. Damper went to 0%. HJMcC - JQ - 6/8/20									
17 Override output 0% - 50% - 100%. Saw actuator move. Damper looks good.- HJMcC - JQ - 6/8/20									
18 Override output 0% - 50% - 100%. Saw Actuator/Valve move.- HJMcC - JQ - 6/8/20									
SIGNATURES:									
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JOB NAME: C W Lewis Middle School				NAE #		REF DWG			
CONTRACT NO:		9N30-0131		TRUNK:		No.			
LOCATION:		GYM		FC- ADDR:		11		BacNet Address 7059	
CHECKOUT INFORMATION:									
HDW POINT	SYS/OBJ NAME	INTERM. DEVICE TYPE	CHK	FIELD DEVICE TYPE	CHK	LOOP CHECK	SET POINT	PROP BAND	REMARKS
UI IN-1	Discharge Air Temp								Note 4
UI IN-2	Return Air Temp								Note 5
UI IN-3	Mixed Air Temp								Note 6
UI IN-4	Return Air Quality			CD-P1000-00-00	X				Note 7
UI IN-5	Low Temp Alarm								Note 8
UI IN-6	Exhaust Fan Status (Girls Rm)			CSD-CFOAO-1	X				Note 3
BI IN-7	Supply Fan Status			CSD-CFOAO-1	X				Note 2
BI IN-8	Discharge Air Smoke Alarm								Note 9
BO OUT-1	Supply Fan Command	Rib Relay	X						Note 2
BO OUT-2	Exhaust Fan Command (Girls Rm)	Rib Relay	X						Note 3
BO OUT-3									
CO OUT-4									
CO OUT-5									
CO OUT-6									
CO OUT-7									
AO OUT-8	Mixed Air Damper Output								Note 11
AO OUT-9	Preheat Output								Note 12
SA Bus	Zone Temp/Warmer-Cooler								Note 10
() SYSTEM COMPLETELY FUNCTIONING ON:							(DATE)		
() POINTS SOFTWARE MAPPED ON:							(DATE)		
TIME SPENT COMMISSIONING SYSTEM:									
NOTES:									
1 Can not get to unit to verified devices. HJMcC - 6/2/20									
2 Override Command ON. Rib Relay Energized. But unit didn't Start.Had to set up Rib Safety Relay.									
Unit still didn't start. Found another Rib Relay. In line with the coil voltage. Removed relay.									
Unit started. Read ON in CCT for Status. Released the override. Command went to OFF. Unit shut down.									
Read OFF in CCT for Status. HJMcC - 6/2/20									
3 Unit was command ON. Read ON for Status in CCT. Override command OFF. Unit shut OFF									
Read OFF in CCT for Status. HJMcC - 6/2/20									
4 Sensor is not reading. Will need to get to check. HJMcC - 6/2/20									
5 Reading 66Degs in CCT. Have no way of Verifying device. HJMcC - 6/2/20									
6 Reading 66Degs in CCT. Have no way of Verifying device. HJMcC - 6/2/20									
7 Reading 399PPM in CCT. Have no way of Verifying device. HJMcC - 6/2/20									
8 Took wire off Rib Relay Safety board. Read Alarm in CCT.Need to get to device to test.									
Command went to OFF. Preheat went to 100%.MAD went to 0%. HJMcC - 6/2/20									
9 Will need to be tested- HJMcC - 6/2/20									
10 Reading 70Degs, in CCT. HJMcC - 6/2/20									
11 Override output 0% - 50% - 100%- Did Not see actuator move. Wiring looks Good. Will need to get to it.HJMcC - 6/2/20									
12 Can not get to the Actuator to see if it moves. Also the boiler are down, so can't tell by Temp.									
Will need to come back to. HJMcC - 6/2/20									
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JOB NAME: C W Lewis Middle School				NAE #		REF DWG			
CONTRACT NO: 9N30-0131				TRUNK:		No.			
LOCATION: GYM				FC- ADDR: 12		BacNet Address 7060			
CHECKOUT INFORMATION:									
HDW POINT	SYS/OBJ NAME	INTERM. DEVICE TYPE	CHK	FIELD DEVICE TYPE	CHK	LOOP CHECK	SET POINT	PROP BAND	REMARKS
UI IN-1	Discharge Air Temp								Note 2
UI IN-2	Return Air Temp								Note 3
UI IN-3	Mixed Air Temp								Note 4
UI IN-4	Return Air Quality			CD-P1000-00-00	X				Note 5
UI IN-5	Low Temp Alarm								Note 8
UI IN-6	Exhaust Fan Status (BOYS)			CSD-CFOAO-1	X				Note 6
BI IN-7	Supply Fan Status			CSD-CFOAO-1	X				Note 7
BI-IN-8	Discharge Air Smoke Alarm								Note 9
BO OUT-1	Supply Fan Command	Rib Relay	X						Note 7
BO OUT-2	Exhaust Fan Command (BOYS)	Rib Relay	X						Note 6
BO OUT-3									
CO OUT-4									
CO OUT-5									
CO OUT-6									
CO OUT-7									
AO OUT-8	Mixed Air Damper Output								Note 11
AO OUT-9	Preheat Output								Note 12
SA Bus	Zone Temp/Warmer-Cooler								Note 10
() SYSTEM COMPLETELY FUNCTIONING ON:							(DATE)		
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NOTES:									
1 Can not get to unit to verified devices. HJMcC - 6/2/20									
2 Reading 70Degs in CCT. Have no way of Verifing device. HJMcC - 6/2/20									
3 Reading 69Degs in CCT. Have no way of Verifing device. HJMcC - 6/2/20									
4 Reading 68Degs in CCT. Have no way of Verifing device. HJMcC - 6/2/20									
5 Reading 419PPM in CCT. Have no way of Verifing device. HJMcC - 6/2/20									
6 Unit was command ON. Read ON for Status in CCT. Override command OFF. Unit shut OFF									
Read ON in CCT for Status. Traced wiring/ It was on the wrong wire. Fixed it. Read OFF in CCT.- HJMcC - 6/2/20									
7 Command was OFF. Read OFF in CCT for Status. Override Command ON. Unit started.									
Read ON for Status in CCT. Did have to setup Rib Relay Safety board. HJMcC - 6/2/20									
8 Took wire off Rib Relay Safety board. Read Alarm in CCT. Need to get to device to test.									
Command went to OFF. Preheat went to 100%. MAD went to 0%. HJMcC - 6/2/20									
9 Will need to be tested- HJMcC - 6/2/20									
10 Reading 70Degs, in CCT. HJMcC - 6/2/20									
11 Override output 0% - 50% - 100%- Did Not see actuator move. Wiring looks Good. Will need to get to it. HJMcC - 6/2/20									
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SIGNATURES: DATE:									