SEQUENCE OF OPERATION GUIDELINE

FAN COIL UNITS - COOLING

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NOTES:

1. THIS SEQUENCE IS INTENDED TO PROVIDE THE DESIGN PROFESSIONAL WITH A BASIC GUIDELINE OF MINIMUM REQUIREMENTS FOR TYPICAL COOLING ONLY FAN COIL UNITS. THIS SEQUENCE SHALL BE CAREFULLY REVIEWED AND EDITED WITH RESPECT TO APPLICATION-SPECIFIC PROJECT REQUIREMENTS AND PROPOSED MODIFICATIONS SHALL BE REVIEWED WITH FSU STAFF.

2. THE INTENT IS FOR THIS SEQUENCE TO BE INCLUDED IN THE CONTRACT DRAWINGS.

3. REFERENCE STANDARD CONTROL DIAGRAMS IC-9.

FAN COIL UNITS WITH COOLING COILS:

PROVIDE THE FOLLOWING FOR ALL AIR TERMINAL UNIT BOXES.

1. ROOM THERMOSTAT WITH INTEGRAL TEMPERATURE SENSOR, INTEGRAL DISPLAY, SLIDING SCALE SETPOINT ADJUSTMENT, AND REMOTE COMMUNICATION PORT.
2. COOLING CONTROL
3. FAN CONTROL

OCCUPIED MODE (AS SCHEDULED BY BAS)

1. START THE FCU FAN AND PROVE FAN ON PRIOR TO TEMPERATURE CONTROL
2. THE CONTROLLER SHALL CONTINUE TO MONITOR ROOM TEMPERATURE AND MAINTAIN A COOLING SETPOINT.
3. MODULATE THE COOLING COIL TO MAINTAIN THE CLG SETPOINT
4. SHUT DOWN THE FAN AND GENERATE AN ALARM WHEN EITHER FLOAT SWITCH INDICATES AN OVER FLOW CONDITION WITHIN THE CONDENSATE PAN.

OCCUPIED CLG SETPOINT 74 F (ADJUSTABLE)
UNOCCUPIED CLG SETPOINT 78 F (ADJUSTABLE)
<table>
<thead>
<tr>
<th>SHORT NAME</th>
<th>POINT DESCRIPTION</th>
<th>UNITS</th>
<th>POINT TYPE</th>
<th>ALARM CONDITION</th>
<th>INTEGRATED POINT</th>
<th>NOTES</th>
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<tbody>
<tr>
<td>bbb_FCUxxSS</td>
<td>FAN COIL UNIT START/STOP</td>
<td>ON/OFF</td>
<td>ANALOG</td>
<td>DIGITAL</td>
<td>EQUIP</td>
<td>LIMIT</td>
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<td>bbb_FCUxxS</td>
<td>FAN COIL UNIT STATUS</td>
<td>ON/OFF</td>
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<td>DIGITAL</td>
<td>EQUIP</td>
<td>LIMIT</td>
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<tr>
<td>bbb_FCUxxCV</td>
<td>COOLING VALVE OUTPUT</td>
<td>%OPEN</td>
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<td>DIGITAL</td>
<td>EQUIP</td>
<td>LIMIT</td>
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<tr>
<td>bbb_FCUxxSA</td>
<td>SUPPLY AIR TEMPERATURE</td>
<td>DEG F</td>
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<td>EQUIP</td>
<td>LIMIT</td>
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<td>bbb_FCUxxFS</td>
<td>FAN COIL UNIT DRAIN PAN FLOAT SWITCH</td>
<td>ALM/NML</td>
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<td>DIGITAL</td>
<td>EQUIP</td>
<td>LIMIT</td>
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<tr>
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<td>DEG F</td>
<td>ANALOG</td>
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<td>EQUIP</td>
<td>LIMIT</td>
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<tr>
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<td>DEG F</td>
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**TYPE: IC-10**