MicroM
SERVICE GUIDE

SITUATION #1
NORMAL LOCKOUT

IF ALL LIGHTS BLINKING AND ALARM LIGHT STEADY THEN SYSTEM ERROR REPLACE PROGRAMMER

- MEP100 4-7 SECONDS
- MEP230 PREPURGE DELAY TIME

Lockout Message

<table>
<thead>
<tr>
<th>Line Frequency Noise</th>
<th>Ptfi</th>
<th>Intrlk</th>
<th>Fltme</th>
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<tr>
<td>Yes</td>
<td>Yes</td>
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- UV = 570 VAC
- FR = 270 VAC
- IR = 15 VDC

Note 1:
TO RESET THE CONTROL, POWER MUST BE ON TERMINALS 1 & 2

Programmer or MEC120 Defective
Call for Heat

See Situation #2

See Situation #3

Make Proper Burner Adjustment

Align Scanner

Repair Wiring

Replace MEC120

Replace Amplifier or MEC120

Replace Scanner
TROUBLESHOOTING TIPS
1. Verify that there is a solid earth ground wire brought to the panel that the Fireye base is mounted to.
2. In a rectification system, verify that terminal S1 is solidly earth grounded, and confirm that the flame rod is aligned so it doesn’t droop near the ignition spark.
3. Confirm that there is no measurable voltage present between the ground screw and terminal 2 (neutral).
4. Confirm that the 120 volt AC supply has its neutral leg earth grounded at the supply, (floating isolation transformers can cause problems).
5. Confirm that the ignition transformer’s secondary winding is solidly earth grounded. The grounding method is usually through the transformer case. Dirt, paint, loose mounting hardware, etc., can all be factors.
6. There may be a problem with transients in the main power supply. If you think this may be the problem, you may want to run a ground wire directly from the pilot assembly back to the electrical panel where the Fireye control is mounted.