I. PURPOSE
This policy/procedure establishes the monthly testing of the local Flamex Spark Detection and Extinguishing system FLE 3000 located in Medical Center Carpentry shop

II. PERSONNEL AFFECTED
Fire Safety members
Medical Center Facilities

III. DEFINITIONS
FSS- Fire Safety Specialist
FSI – Fire Safety Inspector

IV. RESPONSIBILITIES.
- The FSI is responsible for the monthly local inspection and the semi-annual testing of the local fire alarm system located in the wood shop in Medical Center, Ground floor.
- Contact University Public Safety and the Facilities Call Center and alert them of the testing you are about to do.
- Contact Medical Center Facilities to coordinate this test and to seek assistance from a carpenter who will turn on dust collection system.
- This test will require two members from Fire Safety.
- Test will require the use of a flashlight to activate the infrared sensor.

V. PROCEDURES
1. Place the G-5600 ADT fire panel in bypass.
2. Close the sprinkler valve into the dust collection system.
3. Take off the solenoid at the sprinkler valve.
4. Take off the infrared sensor at the south end of the system.
5. While one FSS flashes the light into the infrared sensor the FSI verifies that the solenoid magnetizes.
6. Verify that the local strobe flashes during the time when the solenoid is magnetized.
7. Verify that a red and yellow light are present on the spark detection system panel when the solenoid magnetizes. Red light indicates a fire alarm and the yellow light indicates water flow inside the dust collection system.
8. Verify that G-5600 fire panel alarms during this test.
9. Verify that the solenoid is no longer magnetized and replace it back on the system.
10. Place the infrared sensor back on the system.
11. Open sprinkler valve into the dust collection system.
12. Contact Public Safety to see if the alarm was received at the dispatch center.
13. Clear fire alarm on the G-5600 ADT fire panel.
14. Contact Public Safety and Facilities call center that you are complete with your testing.

VI. REFERENCES
Flamex Inc. Installation and Applications Manual – located next to the panel in the Carpentry Shop.

VII. APPENDICES/FORMS – N/A

VIII. REVISION HISTORY

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<thead>
<tr>
<th>Date</th>
<th>Revision No.</th>
<th>Description</th>
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<tr>
<td>6/21/2016</td>
<td>New</td>
<td>Initial development of policy</td>
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<tr>
<td>6/10/2019</td>
<td>1</td>
<td>Triennial review</td>
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