I. PURPOSE

This policy/procedure establishes the proper steps for completing the inspection of Drum Drip Drains that may be part of dry-pipe sprinkler systems. Inspections are done two times a month between October and March. Weather conditions can vary the number and how often the inspections are conducted.

II. PERSONNEL AFFECTED

This procedure affects the Fire Safety Staff. Specifically the four drum drip drains associated with the dry-pipe sprinkler system located at the Medical Center Receiving and Recycle Docks and at Saunders Research Building in the Penthouse.

III. DEFINITIONS

Drum Drip Drain - Dry System Auxiliary Drain, consists of a 1 inch valve located directly above a 2” x 12” nipple or equivalent and a 1 inch valve directly below the nipple with a 1 inch plug at the bottom of the assembly.

IV. RESPONSIBILITIES

The Fire Safety personnel conducting this inspection are responsible for following the proper procedures and for contacting Security when the test begins and ends.

V. PROCEDURES

A. Have the necessary equipment available – 4-foot step ladder and small pipe wrench or channel locks.

B. Contact Public Safety (x5-3333) to inform them that testing is being done and the fire alarm panel to be bypassed for the system to be tested.

C. Disable the panel per the Fire Alarm Disconnect Reconnect Procedures.

D. Proceed to the Medical Center G-4806, Saunders 5.202 area and close the main control valve for the dry pipe sprinkler system.

E. There are five (5) drains for the Medical Center loading dock dry system. Three (3) are located on the loading dock: one is located in the corridor adjacent to the entrance of the autoclave area, and one is located on the Recycle Dock, G-4941. Drain for Saunders is located in plenum 5.300M1.

F. Close the top valve.

G. Verify that the bottom valve is also closed and remove the plug from the bottom of the drain assembly.

H. Slowly open the bottom valve so that any air and water in the barrel assembly will drain out.

I. Close the bottom valve.
J. Open the top valve a second time to allow any residual water to drain out of the system into the drain assembly.

K. Close the top valve.

L. Open the bottom valve.

M. Once completed replace the plug, close the bottom valve

N. Open the top valve.

O. Return to the system control valve and if the air compressor is running wait until it stops.

P. Slowly open the control valve to the full open position.

Q. Return to the fire alarm panel, verify that the tamper alarm has cleared and return all bypass functions to normal.

R. Verify with Public Safety that their panel is also normal and advise them that testing is completed.

S. Record the date of the inspection on the Drum Drain test form found in the sprinkler section of the fire files.

VI. REFERENCES

VII. APPENDICES/FORMS

A. Fire Alarm Procedures — G5600 Fire Alarm Panel

B. Fire Alarm Procedures – Saunders Research Building

C. Drum Drip Drain Test Report – Medical Center

D. Drum Drip Drain Test Report – Saunders Research Building

VIII. REVISION HISTORY

<table>
<thead>
<tr>
<th>Date</th>
<th>Revision No.</th>
<th>Description</th>
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<tbody>
<tr>
<td>1/18/11</td>
<td>New</td>
<td>Initial development of this policy</td>
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<tr>
<td>3/28/14</td>
<td>1</td>
<td>Addition of Saunders Research Building</td>
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