

SUBJECT: NOZZLE MAINTENANCE**SECTION:** 202.08**REVISED:** NOVEMBER 1, 2007**PAGE(S):** 2

PURPOSE

To provide proper care for fire nozzles so as to insure their proper usability and full service life.

POLICY

- A. Fire nozzles shall be maintained according to manufacturer's recommendations and Departmental guidelines.
- B. All nozzles shall be checked and cleaned after each use.
- C. All nozzles shall be tested annually for proper use.

NOZZLE TESTING

Nozzle testing is conducted annually (possibly during hose testing procedure) according to the following:

- A. Check for proper threads when attaching nozzle to male end of hose.
- B. Check proper movement of shutoff mechanisms.
- C. Check to see if shutoff mechanisms completely shut off water under pressure.
- D. Check for correct water patterns in all modes. (i.e. straight bore to fog pattern.)
- E. Nozzle discharge GPM'S should match flow chart from manufacturer to ensure proper flow.

NOZZLE CHECKS

- A. Check for obvious cracks, breaks or other defects.
- B. Check all rubber and teflon parts.

- C. Check for proper movements of all moving parts.
- D. Check for foreign objects inside nozzle.
- E. Insure that nozzle is clean.

PROBLEMS AND/OR DEFECTS

- A. Report all problems and/or defects to the Shift Supervisor.
- B. Place nozzle out of service or repair, as necessary.

BASIC PRECAUTIONS

- A. Avoid dropping nozzle.
- B. Avoid using nozzle as forcible entry tool.
- C. Shut off and open nozzle slowly to avoid water surge which may damage nozzle.
- D. Use no tools on nozzle, except spanner wrench to tighten nozzle on to hose.
- E. Adjust water pattern carefully and slowly to avoid damage to nozzle.
- F. When completed with use, clean and flush nozzle.

RESPONSIBILITY

- A. It shall be the responsibility of the Maintenance Officer to provide overall management of the testing and maintenance of fire nozzles.
- B. It shall be the responsibility of the Shift Supervisor to insure that proper care and procedures are utilized during the maintenance, testing and use of the fire nozzles.
- C. All members shall utilize proper procedures and provide proper care when maintaining testing and utilizing fire nozzles.