ONTARIO FIRE DEPARTMENT
FIRE PROTECTION STANDARD

PRIVATE HYDRANT MAINTENANCE
STANDARD #D-008 EFFECTIVE 05-11-06 PAGES 2

SCOPE

These specifications and requirements shall apply to all privately owned fire hydrants within the City of Ontario.

AUTHORITY

This standard is adopted under authority of the 2001 California Fire Code, Section 903.4.1.2 as adopted by Ontario Fire Department.

PROCEDURE

To assure proper functioning, private fire hydrants shall be self inspected annually and tested every five years. Hydrants shall also be tested immediately after relocated or repaired. The owners of any premises on which private hydrants are installed shall have the hydrants self inspected by a person of his/her choice (this may be an employee) and tested by a person who has demonstrated competency in this field to the City of Ontario Fire Department.

Private hydrants shall be immediately serviced, overhauled, or replaced whenever they are found to be defective. Testing and maintenance shall ensure that private hydrants are ready for emergency use.

ANNUAL SELF INSPECTION

Annually, the following shall be done:

CHECKPOINTS		CORRECTIVE ACTIONS
1. Caps missing		1. Replace
2. Caps damaged and not rotating Smoothly		2. Repair or replace; lubricate for smooth rotation
3. Fire hose connection threads		3. Repair or replace if damaged
4. Visible or exterior obstruction (Ex. shrubbery, signs, etc.)		4. Remove all obstructions (Minimum 3 ft. clearance needed around the fire hydrant).

FIVE-YEAR TEST (Must be conducted by a certified professional. See next sheet.)

1. Conduct inspection and make corrections as listed for the annual self inspection.

2. Check for missing gaskets or deterioration, locate and operate gate valve (if installed),

operate valve stem and flow the hydrant according to procedure in NFPA 291. Obtain residual pressure if more than one private hydrant is installed.

REPORTS

A report of the annual self inspection shall be kept on record at the property for the Ontario Fire Department. This report must list all the checkpoints and the results.

A report of the five-year test should be provided to the property owner and the Ontario Fire Department. This report must list all the checkpoints and the results. The pitot tube reading, flow results, and residual pressure must also be indicated on the report. At the time of service, an itemized invoice showing work performed and parts replaced should be provided to the hydrant owner by the person performing the test.

Prior to flowing water, the person conducting the test must notify the Ontario Fire Department Dispatch Center and the fire alarm company (if any) to avoid false alarms.

PRIVATE HYDRANT TESTER

Any person conducting the testing or repair of private hydrants as outlined above shall be approved to conduct such work by the Ontario Fire Department. Said approval will be granted according to the following:

1. License Requirements

All approved private fire hydrant testers shall posses a current City of Ontario business license. All hydrant testers shall have a Fire Protection Contractor (C-16) License, Plumbing Contractor (C-36), Pipeline Contractor (C-34), or a California State Fire Marshal Type 1 License.

2. Experience Requirements

All private hydrant testers shall have a minimum of one-year experience in the testing and inspection of private fire hydrants. Such experience shall be demonstrated to Ontario Fire Department in the form of references prior to approval as a private hydrant tester.

3. Equipment Requirements

All approved private hydrant testers shall have available to them the following equipment:

a. A properly calibrated pitot tube and gauge.
b. A minimum of two properly calibrated pressure gauges.
c. A 2-1/2” and 4” stream diffuser.
d. A hydrant key valve wrench.
e. Hydrant wrenches.

All approved hydrant testers shall have the responsibility of maintaining properly calibrated and functioning equipment.