

# Polson City/Rural FIRE DEPARTMENT Operating Guidelines

Issued By: Chief Thomas J. Maloney

Created on April 26, 2006

Revised by: Chief John Ed Fairchild on Sept. 25, 2008

## 309.00 Hydrant Use

Page 01 of 02

### **Purpose:**

To establish procedures for efficient and proper use of fire hydrants for water supply.

### **Scope:**

This procedure is to be followed by all members and officers of this Department regardless of the district in which the procedure is to take place. Deviation from this procedure is the prerogative of the incident commander who is solely responsible for the results of the deviation.

### **Spotting the Hydrant:**

- 1) The incident commander shall give explicit orders that must be verified if fire hydrant(s) will be required. Under normal conditions smoke showing will require hydrant usage.
- 2) The apparatus shall drive parallel to the curb, approximately two to three feet from the curb, and stop with the rear of the apparatus about ten feet in front of the chosen fire hydrant.
- 3) The right seat officer shall give the command, "Lay four inch" as the hydrant man is designated. The hydrant man shall verbally communicate with the officer that he has understood the command.

### **Tools and Hose Required:**

- 1) Hydrant bag
  - a) Storz/hydrant wrench.
  - b) 2 ½ " hydrant valve.
  - c) Storz / 2 ½ " combo wrench.
  - d) Storz to hydrant steamer adapter.
  - e) 2 ½ " spanner wrench.
  - f) Shovel (optional).
  - g) Storz / 2 ½ " adapter.
  - h) 2 ½" and Steamer caps
- 2) 4 inch supply hose.

### **Flushing the Hydrant:**

- 1) Pull approximately 15 feet of 4 inch from hose bed and make one full wrap around the hydrant.
- 2) Signal for the apparatus to leave the hydrant location. The apparatus shall lay 4 inch on the same side of the roadway as the hydrant is located until reaching the designated stopping point. Just prior to attaining this apparatus stopping point, the driver shall lay 4 inch across the roadway if the stopping point is on the opposite side of the hydrant. This procedure allows better scene access for more emergency vehicles.
- 3) Remove one 2 1/2" cap.
- 4) Open hydrant about enough to obtain a water flow for about 5 seconds. Always operate the hydrant from the opposite side of the steamer outlet (flying caps).
- 5) Close hydrant.

### **Hooking Up To the Hydrant:**

- 1) Attach hydrant valve to the open 2 1/2" outlet.
- 2) Remove the steamer cap.
- 3) Attach Storz to steamer adapter to hydrant.
- 4) Un-wrap 4 inch from around hydrant and connect to the Storz to steamer adapter. Be assured the Storz connections "snap" together and lugs are aligned.
- 5) Locate the 4 inch to provide sweeping turns and no kinks.
- 6) Before opening the hydrant, **the hydrant man must receive a direct verbal instruction** from the pump operator of the apparatus you will be supplying. After acknowledging the command, slowly open the hydrant to prevent water hammer.
- 7) Open the hydrant all the way slowly, about 18 turns. Never allow a hydrant to be in any intermediate "on" position for long periods.
- 8) You may now leave the hydrant location. Carry all unused tools back to its respective apparatus.