

LOS PINOS FIRE PROTECTION DISTRICT STANDARD OPERATING PROCEDURE



| TITLE | NUMBER | EFFECTIVE DATE | REVISION DATE |
|-----------------------------------|--------|------------------------------|---------------|
| COLD WEATHER APPARATUS OPERATIONS | 317 | April 1 st , 2010 | |

PURPOSE

This procedure establishes a uniform practice for winter operations of fire apparatus of the Los Pinos Fire Protection District.

RESPONSIBILITY

It shall be the responsibility of the Driver /Operator to make sure that the pump and piping are completely drained. Other members shall also regularly familiarize themselves with these procedures, as well as remain familiar with the provisions of this policy to complete this work. The pumps shall remain drained from November 1 through March 31.

PROCEDURES

The subsequent procedures should be followed, in order to insure proper drainage of pump and piping during cold weather operations.

In Station

1. Open main pump drain
2. Open all remaining drains
 - a. Intakes
 - b. Outlets
 - c. Foam lines
 - d. Water ways for ladder pipe
3. Remove all Intake and discharge caps and open all valves.
4. After water is drained from pump and piping, leave main pump drain open and close all other drains/valves and replace caps.
5. Close pump circulator and /or auxiliary cooler if equipped.

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6. Prior to leaving station, close main pump drain.

Fire Scene Operation

1. Establish pump operations, using primer if necessary.
2. While pump is in operation, circulate water through pump by cracking open the tank fill valve and the tank to pump valve, and flow all charged hose lines by cracking nozzles.
3. Open pump circulator and /or auxiliary cooler if equipped.
4. When the pump is no longer required and shut down, open all drains until back in quarters.
5. Upon return to quarters, follow the above “**In Station**” draining procedure.

Exceptions to SOP

If there is a leak at the tank to pump valve or tank fill valve and the system cannot be isolated:

1. The main pump drain will remain closed and the rest of the system will be drained in accordance with the above.
2. The pump will be engaged on all calls and allowed to re-circulate.
3. The proper work order will be completed.
4. The unit log will be marked as having a problem and the Shift Captain will log it in the shift log.

NOTE: Any exceptions, to the above, will be approved through the Assistant Chief of Maintenance and/or a Company/Chief Officer.

Larry Behrens

Larry Behrens, Fire Chief

April 1st, 2010

Date