

Washington Township Fire Department Standard Operating Procedure

Division 500: Maintenance
Section 501: Vehicles & Fire Apparatus
Subject 501:10 Winter Operation of Fire Apparatus
Supersedes: Maintenance Bulletin 87-3 (11/23/87)
Maintenance Bulletin 81-1 (12/01/81)



Approved By:

Date: September 20, 2007
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Date Last Reviewed:

PURPOSE:

To establish a uniform procedure for winter operations of fire apparatus.

RESPONSIBILITY:

It shall be the responsibility of the Driver /Operator to make sure that the pump and piping are completely drained. Members shall regularly familiarize themselves with these procedures to provide confirmation, as well as remain familiar with the provisions of this policy to complete this work.

PROCEDURES:

The following should be followed in order to insure proper drainage of pump and piping during cold weather operations. The pumps shall remain drained from November 1 through March 31.

At Station

1. Open main pump drain
2. Open all remaining drains to intakes and outlets
 - a. Front intake
 - b. Rear Foam line
 - c. Water way for ladder pipe
3. Remove all discharges caps and open all valves
4. Remove steamer cap (Officers side) Pre-Con valve (Driver /Operator side)
5. After water is drained from pump and piping, leave main pump drain open and close all other drains/valves and replace caps.
6. Close pump circulator and /or auxiliary cooler if equipped.

Fire Scene Operation

1. Close main pump drain
2. Put pump in gear
3. Open tank to pump valve and/or attach operational supply line (flowing water).
4. Prime pump if required
5. While pump is in operation circulate water through pump (crack open tank fill valve and tank to pump valve) and flow all charged hose lines by cracking nozzles.
6. Open pump circulator and /or auxiliary cooler if equipped.
7. When the pump is no longer required and shut down, open all drains until back at quarters.
8. Upon return to quarters, follow the above "At Station" draining procedure.

NOTE: Any exceptions to the above will be approved through Maintenance Supervisor and Company/Staff Officer.