

HYDRANT INSPECTIONS

(Dry Barrel)

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- Check the hydrant's appearance. Remove obstructions around it. If paint is needed, either paint the hydrant or schedule it for painting. Check to see whether the hydrant needs to be raised or lowered because of a change in the ground-surface grade. If adjustments are needed, schedule the work.*
- Remove one outlet nozzle cap and use a listening device to check for main valve leakage.
- Check for the presence of water or ice in the hydrant. Replace the nozzle cap, leaving it loose enough to allow air to escape.*
- Open the hydrant only a few turns, allowing air to vent from the outlet nozzle cap. Tighten all nozzle caps.
- Open the hydrant fully, checking for ease of operation. With the hydrant fully open, check for leakage at flanges, around outlet nozzles, at packing or seals, and around the operating stem. Repair or schedule for repair as needed.*
- Partially close the hydrant so the drains open and water flows through them under pressure for about 10 seconds, thus flushing the drain outlets.
- Close the hydrant completely, backing off the operating nut enough to take pressure off the thrust bearing or packing.
- Remove one outlet nozzle cap and attach a section of fire hose or other deflector if necessary to protect the street, traffic, and private property from water expelled at high velocity. *Open and flush the hydrant to remove foreign material from the interior of the hydrant and from the underground pipe connecting the hydrant to the main.*
- Close the hydrant and remove any deflector. *Check the operation of the drain valve by placing the palm of one hand over the outlet nozzle. Drainage should be sufficiently rapid to create noticeable suction. For hydrants that do not drain, pump the water from the barrel.*
- Using a listening device, check the main valve for leakage.
- Remove all outlet nozzle caps, clean the threads, check the condition of gaskets, and lubricate the threads. Check the ease of operation of each cap.
- Check the outlet nozzle cap chains or cables for free movement on each cap, opening the loop around the cap as necessary until free movement is achieved.
- Replace caps. Tighten them and then back off slightly so they will not be too tight.
- Locate and exercise the auxiliary valve, making sure it is left in the open position.*
- On traffic model hydrants, check the breakaway device for damage.
- Lubricate the hydrant as needed in accordance with manufacturer's guidelines.
- If hydrant is inoperable, tag it with a clearly visible mark and notify the fire department. Schedule the hydrant for repairs.*

Records Indicate:Date: Yes No ; Hydrants Flowed: Yes No ; Hydrants Pressure Tested: Yes No N/A