



# **DRY BARREL HYDRANT INSPECTION CHECKLIST**

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**Inspection should be performed at least annually as well as  
after each use**

COMPLETED BY:

DATE:

LOCATION:

	HYDRANT#	HYDRANT#	HYDRANT#	HYDRANT#
	YES   NO	YES   NO	YES   NO	YES   NO
<b>1) Hydrant is accessible?</b>	<input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/>
<b>2) Hydrant caps are present attached?</b>	<input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/>
<b>3) Remove largest nozzle cap and inspect for the following:</b> <ul style="list-style-type: none"> <li>Lower barrel section free of water or ice</li> <li>Main valve checked for leakage?</li> </ul> <small>(Note: Water in the barrel indicates either a leak in the main valve, a clogged drain or high ground water)</small>	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>
<b>4) Operating nut lubricated/oil reservoir filled?</b>	<input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/>
<b>5) Remove all nozzle caps and inspect the following:</b> <ul style="list-style-type: none"> <li>Cap gaskets in good condition?</li> <li>Threads in good condition (No signs of damage/cross threading)?</li> <li>Nozzle and cap threads wire brushed and lubricated (as necessary)?</li> <li>Outlet nozzle cap chains/cables move freely?</li> </ul>	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>
<b>6) Replace nozzle caps tightly and open the hydrant all the way</b> <ul style="list-style-type: none"> <li>Valve stem operate freely?</li> <li>Nozzles, caps, seals show no signs of leakage?</li> </ul>	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>
<b>7) Close the hydrant (slowly). Remove the largest nozzle cap and observe the drain rate</b> <ul style="list-style-type: none"> <li>Hydrant drain valve operational?</li> </ul>	<input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/>
<b>8) Open the hydrant to bleed off air pressure. Once air has vented, open hydrant fully</b> <ul style="list-style-type: none"> <li>Hydrant flushed until flow from hydrant becomes clear?</li> </ul> <small>(Note: If needed provide a detector/flow diverter on the open nozzle to direct water flow away from private property, street/pedestrian traffic, yard storage etc.)</small>	<input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/>
<b>9) Close the hydrant (last few turns completed slowly to avoid water hammer)</b> <ul style="list-style-type: none"> <li>Residual water pumped out?</li> <li>Nozzle cap(s) replaced?</li> </ul>	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>
<b>10) Auxiliary valve/Curb box valve</b> <ul style="list-style-type: none"> <li>Valve is accessible?</li> <li>Valve properly identified?</li> <li>Valve exercised?</li> <li>Valve lubricated</li> </ul>	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>

**\*Explain all "No" responses and actions taken** (Ex. item 1-Hydrant blocked by recent addition Hydrant is to be relocated in several weeks)

Send completed form to your supervisor for any necessary action document corrective action taken, and file checklist for review by Allianz Risk Consulting.

REVIEWED BY:

DATE: