

# Liquid Deicer Storage & Pump System Inspection Checklist

Inspection Completed By: \_\_\_\_\_ Date: \_\_\_\_\_

Location: \_\_\_\_\_ Inspection: **Pre-Season**  **Mid-Season**  **Post-Season**

<b>Brine Tank</b>	OK	Minor Issues	Major Issues	N/A	<b>Comments:</b>
INTAKE FITTING – Check for tight, rusted, and/or frozen fittings.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
VALVES – Check for tight, rusted, and/or frozen valves.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
ACCESS PORT – Is it accessible and weather tight?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
STORAGE TANK – Is the TANK breathable? Is the PRESSURE PORT functioning?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
STORAGE TANK – Check whether the tank is clean or full of solids? Does it need to be cleaned?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
STORAGE TANK – Are there visible stress cracks or discolorations on the tank?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
STORAGE TANK – Check tank for bulging or other deformations.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
SIGHT TUBE – Check for leaking and/or oxidation.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
LIGHTING – Check the bulbs, are they working?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
OUTLET PIPING – Check the piping for cracks, weathering, and/or oxidation. Is it rubbing against anything?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
IF STORING ADDITIVES – Has the tank been recirculated?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

<b>Truck Fill</b>	OK	Minor Issues	Major Issues	N/A	<b>Comments:</b>
<i>Is anything leaking? If yes, please describe where.</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>FITTINGS</b> – Check for tight, rusted, and/or frozen fittings.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Lubricate <b>FITTINGS</b> <b>(Post-Season &amp; As Needed)</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>VALVES</b> – Check for tight, rusted, and/or frozen valves.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Lubricate <b>VALVES</b> <b>(Post-Season &amp; As Needed)</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>HOSE &amp; PIPING</b> – Check for cracking, weathering, and/or oxidization.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>FLEXIBLE HOSE</b> – Check for anything rubbing up against it when pressurized and sharp edges.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>RIGID PIPING</b> – Check for broken or rusted pipe supports.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>HOSE &amp; PIPE SIZE</b> – Is it manageable for staff to handle without risk of injury (is it too heavy when full of liquid)? <b>(Pre-Season)</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>AIR PURGE</b> – Does it work?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>AIR PURGE</b> – Is the system purged? <b>(Post-Season)</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>PUMP</b> – Is the pump flushed of corrosive product and filled with protective liquids for the off-season? <b>(Post-Season)</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	