

Liquid Deicer Storage & Pump System Inspection Checklist

(equipped with a brine unit)

Inspection Completed By: _____ Date: _____

Location: _____ Inspection: **Pre-Season** **Mid-Season** **Post-Season**

Feed Line from Brine Unit	OK	Minor Issues	Major Issues	N/A	Comments:
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<i>Is anything leaking? If yes, please describe where.</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
FITTINGS - Check for tight, rusted, and/or frozen fittings.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Lubricate FITTINGS <i>(Post-Season & As Needed)</i>	<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"/>	
Lubricate VALVES <i>(Post-Season & As Needed)</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
HOSE & PIPING - Check for cracking, weathering, and/or oxidization.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
FLEXIBLE HOSE - Check for anything rubbing against it when pressurized and for sharp edges.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
RIGID PIPING - Check for broken or rusted pipe supports.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
HEAT TAPE INSULATION - Check for rips or tears. Is the tape is still working and adequate?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
AIR PURGE - Does it work?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
AIR PURGE - Is the system purged? <i>(Post-Season)</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Brine Tank	OK	Minor Issues	Major Issues	N/A	Comments:
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
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"/>	

					Comments:
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"/>	
SIGHTTUBE – 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"/>	

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