















Standard Operating Procedure

Cleaning Ball Check Valve

Tools Required: Padlock, Gloves, 24mm Spanner, Watering Can & Steps

Action	Tools	Safety
Isolate system before starting any work on your saturator	Padlock	 Turn off isolator and insert padlock to lock system off
Ensure that the brine level is below the inspection hatch		 Inspect tank level and drain level if required
Remove the inspection hatch to gain access to brine storage	24mm Spanner	 Before removing hatch ensure you hold onto bar to prevent hatch from falling into storage tank
Remove the length of pipe from the tank, splitting at the connection level to the hatch	Hand Tight Gloves	 Make sure to hold onto pipe and prevent from falling into storage tank
Remove ball check from end of pipe	Hand Tight Gloves	 Sharp objects could be lodged in the bottom of the valve
Split valve and clean all debris from ball and housing	Hand Tight Gloves	 Sharp objects could be lodged in the bottom of the valve
Re-assemble ball check valve and pipework	Hand Tight Gloves	 Ensure the flow arrow is in the correct direction



<p>Re-fit pipework inside tank and secure in position</p>	<p>Hand Tight Gloves</p>	 <p>Make sure to hold onto pipe and prevent from falling into tank</p>
<p>Remove priming cap and re-fill pipework with fresh water. Inspect for any leaks. Approx 25ltr should be enough</p>	<p>Watering Can</p>	 <p>Ensure when going up steps, you maintain 3 points of contact</p>
<p>Re-fit inspection hatch. Ensure seal is equal around the hatch</p>	<p>24mm spanner</p>	 <p>Before fitting hatch ensure you hold onto bar securely to prevent hatch from falling into storage tank</p>
<p>Remove isolation from saturator</p>	<p>Padlock Key</p>	 <p>Before isolation is removed, ensure all personnel are clear of saturator</p>
<p>Check pump operational and brine is continually pumped to spreader for 20 seconds ensuring pump holds prime. Press stop when complete</p>		 <p>Check valves are in pump to spreader position. Ensure cable is docked. Check pump does not run dry.</p>
<p>Return system to suit production requirements</p>		