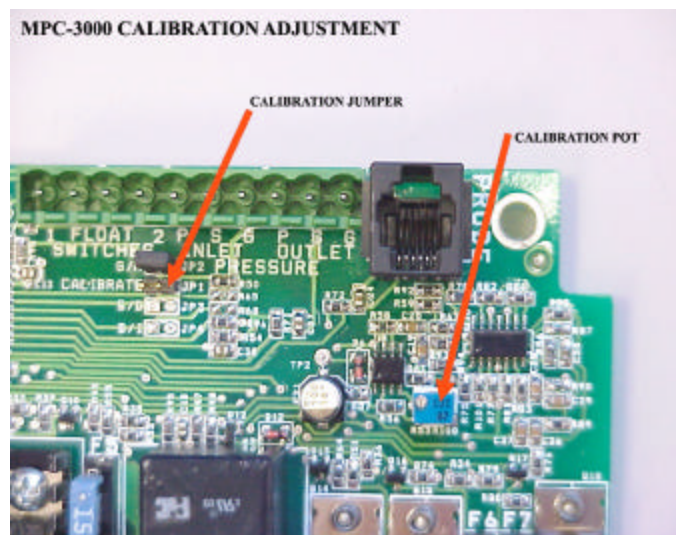


Salinity Probe Calibration Procedure:

8-21-03

1. Locate the Calibrate jumper location on the MPC-3000 Board. Jump the terminals
2. Start the system and after the salinity stabilizes, test the product water with a calibrated hand held tester.
3. Locate the MPC calibration trimmer potentiometer on the board below the salinity probe jack. Adjust until the display PPM matches the PPM reading from the hand held salinity monitor. Turning the trim pot clockwise will lower the salinity reading, and counter-clockwise will raise it.
4. Shut the system down and disconnect the jumper on the MPC board.

If a hand held meter is not available you can remove the probe and dip it into a known calibrated solution. This can be obtained from Spectra.



Emergency Operation

In the event of a salinity probe failure the MPC- Control will come up with a error code "Salinity Probe Failed". This will render the control inoperative. To make the control temporarily operative you may remove the plug connector from the probe and place into a small quantity of product water. Use a nonmetallic container. Restart the system. If you receive a high salinity code you have the choice of adding some salt water to the container or adjusting the control calibration. Locate the calibration screw on the control board, which is located 3/4" below the salinity probe female plug on the MPC board. Rotate clockwise several turns.

Note: this is a temporary repair that will destroy the probe cable. After several days in this mode you may have to remove the connector, strip and spread the wires and replace in the water.