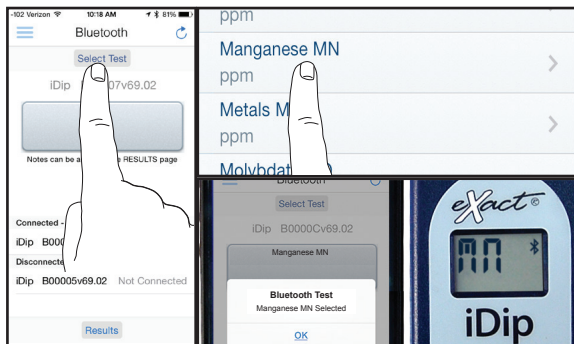


# INDUSTRIAL TEST SYSTEMS, INC.

## MANGANESE TEST

Tap '**SELECT** Test' at the top. Tap Manganese MN. The iDip and app will both display Manganese.



Rinse the cell 3 times with the water sample to be tested and **FILL** to the top to begin test.



Remove one **Mn Strip #1, 481020-1** and one **Mn Strip #2, 481020-2** and set in a dry, convenient place. It is important that both strips are easily accessible prior to starting the next step.

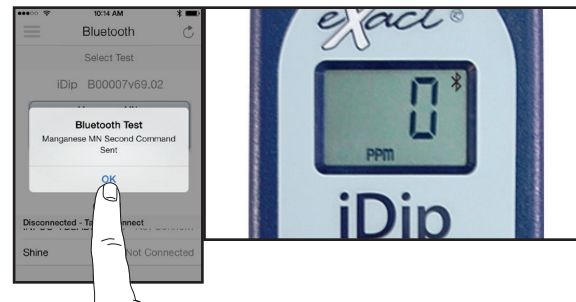


Press **READ** to initiate a 20 second countdown and simultaneously **DIP** Mn Strip #1 by submerging all pads in the sample then use a gentle constant back and forth motion (2 strokes per second) until the timer displays "1". Before countdown reaches "1" get ready with Mn Strip #2. Remove and discard the Mn Strip #1 when "1" on the display disappears. The LCD Display will flash "---" and start another 20 second countdown. Dip Mn Strip #2 with a gentle constant back and forth motion (2 strokes per second) until the timer displays "1". Remove and discard the strip.



The LCD Display will flash "---" and begin counting up for 20 seconds. During this time, shake the bottle of eXact® Reagent Mn.

App will show that it is ready to continue with the next part of testing. Tap OK. Press **ZERO/ON** and the iDip® display reads 0ppm indicating the meter is ready to test.



Add 3 drops of **eXact® Reagent MN, 486606-R** to the CELL. Keep reagent bottle vertical while adding drops.



Place the Cell Cover onto the CELL. Press **READ** and a 20 second countdown begins. Turn the meter upside-down repetitively during the 20 seconds. When the timer displays "1", place the iDip® on a flat surface. The LCD Display will flash "---" and begin counting up for 120 seconds. Make sure your smart device does not go to sleep.



**READ** result displayed on the iDip® and in the app. To save your results and make available for emailing, continue on page 11 of your manual. After testing is complete, rinse CELL immediately.

