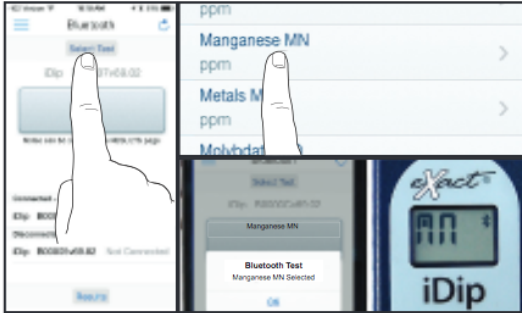


INDUSTRIAL TEST SYSTEMS, INC.

MANGANESE TEST

5

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



10

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



6

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



11

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



7

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.



12

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.



8

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.



13

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.



9

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