3440 MEMORY CLEAR PROCEDURE

NOTE: Before you commence with the MEMORY CLEAR procedure, ensure you have the gauge’s last calibration printout. You will need the constants, as well as other data, from that printout.

- From the “READY” screen, press <SHIFT><SPECIAL>.
- Then press <1><9>.
- At the prompt, enter code <4><6><8><8>.
- Select Option <8>, “MEMORY CLEAR”. Press <SHIFT> then <YES>. “Resetting Gauge Memory” will display.
- Set Rod Length. <1> for 8” Source Rod. <2> for 12” Source Rod.
- Press <OFF> immediately. Then press <ON>.
- When the 300second selftest begins, simultaneously press <SHIFT> <START/ENTER>. This action will cancel the selftest.
- From the “READY” screen, press <SHIFT><SPECIAL>.
- Select Option <1><0>, “BAUD RATE”. Answer <YES> to the question: “Do you want to change?”
- Input <1><2><0><0>, then press <ENTER>.
- Again, from the “READY” screen, press <SHIFT><SPECIAL>.
- Select Option <1><2>, “BATTERY”.
- Select Option <1>, “BATTERY MONITOR”, then Option <1>, “BATTERY LIFE”.
- Answer <YES> to the question: “Do you want to change hours?” then input <1><9><0>, then press <ENTER>.
- Again, from the “READY” screen, press <SHIFT><SPECIAL>.
- Again, select Option <1><2, “BATTERY”.
- Again, select Option <1>, “BATTERY MONITOR”, but this time select Option <2>, “BATTERY VOLTAGE”.
- Again, from the “READY” screen, press <SHIFT><SPECIAL>.
- Then press <1><9>.
- At the prompt, enter code <4><6><8><8>.
- Select Option <1>, “TIME/DATE”.

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- If the date is not correct, answer <YES> to the question: “Do you want to change date?”, then input the correct date.

- If the time is not correct, answer <YES> to the question: “Do you want to change hours?”, then input the correct time.

- Select Option <3>, “SERIAL NUMBER”.

- Answer <YES> to the question: “Want to change Serial Number”, then input the gauge’s serial number.

- Select Option <4>, “CALIBRATION DATE”.

- Input the Calibration Date from the calibration printout, then press <ENTER>.

- Select Option <1><0>, “CALIBRATION STANDARD”.

- Input the Density Reference Standard Count from the calibration printout, then press <ENTER>.

- Input the Moisture Reference Standard Count from the calibration printout, then press <ENTER>.

- Select Option <5>, “CALIBRATION CONSTANTS”.

- At the prompt, enter code <5><9><3><6>.

- The gauge is awaiting the input of the “E” constant. Select <1> if the constant is a positive (+) number. Select <2> if the constant is a negative (-) number. Enter the “E” constant exactly as it appears on the calibration printout. Then press <ENTER>. NOTE: Selecting positive (+) or negative (-) is the required first step when entering all calibration constants.

- The gauge is awaiting the input of the “F” constant. Enter the “F” constant exactly as it appears on the calibration printout. Then press <ENTER>.

- Then the gauge prompts you for a depth. Enter <0> for Backscatter (BS).

- The gauge is awaiting the input of the BS “A” constant. Enter the BS “A” constant exactly as it appears on the calibration printout. Then press <ENTER>.

- The gauge is awaiting the input of the BS “B” constant. Enter the BS “B” constant exactly as it appears on the calibration printout. Then press <ENTER>.

- The gauge is awaiting the input of the BS “C” constant. Enter the BS “C” constant exactly as it appears on the calibration printout. Then press <ENTER>.

- Again, the gauge prompts you for a depth. Enter the next calibrated depth.

- Then enter the “A”, “B”, and “C” constants for this depth.

- Repeat this process until the constants for all calibrated depths are entered.

- To exit, press <ENTER> when prompted to input a depth.

- Prepare the gauge to take a standard count. Perform a standard count and accept the results regardless of PASS (P) or FAIL (F).

- Repeat the last step 4 more times. The results for the fifth standard count should pass.
- The gauge is now ready for use.