Standard Operating Procedure 218
Calibration of Field Scale

Purpose

Calibrate the scale to verify that it is operating properly and it is ready to provide accurate results.

Required Equipment

- Ohaus Model CS-200 Scale or equivalent

- Calibration Mass (200 grams)

- Manufacturer's Operating Manual for the scale

- Field Instrument Calibration Record

Procedure

Note: If using a different model scale, follow the calibration instructions provided by the manufacturer.

1. Allow the scale to warm up and stabilize for two minutes before commencing the calibration procedure.

2. Press and hold the Unit/Cal key until the characters CAL appear on the display.

3. Press the On/Off Zero button once. The display will momentarily show -C- and then the characters C 200 will appear on the display

4. Place the 200 gram calibration weight gently on the center of the weighing pan.

5. The display will momentarily show -C-, display the word PASS and then return to active weighing.

6. Calibration is complete when the display correctly shows the calibration weight and the display has stabilized. If CAL E appears on the display rather than PASS, it indicates that a calibration error has occurred and the process should be repeated. If calibration does not complete normally after repeated attempts the scale is unusable. Note the problem and attempted remedy on the Field Instrument Calibration Record form.

7. Record the calibration on the Field Instrument Calibration Record form.