

PROCEDURE FOR THICKNESS TESTING METAL IBCS

1. Minimum wall thickness will vary by tank manufacture, so always check the IBC Data Plate for the minimum thickness for the tank being tested.
2. Calibrate the Thickness Tester Device according to the instruction of the Tester manufacturer.
3. On top of the device is a metal probe disc used for calibration. Apply a single droplet of ultrasonic couplant to face of this disc.
4. Press the transducer against the probe-disc, making sure that the transducer sits flat against the surface of the probe-disc. The display should show some thickness value, and the Stability Indicator should have nearly all bars illuminated.
5. While the transducer is firmly coupled to the probe-disc, press the PRB-0 key on the keypad. The device will display "Prb0" while it is calculating its zero point.
6. Remove the transducer from the probe-disc.

The inspection procedure is as follows:

- Top Metal Thickness – Place the device anywhere on the top
- Bottom metal Thickness – Place in two (2) different locations underneath, but close to weld seam.
- Side 1, Side 2, Side 3, Side 4 Metal Thickness – Place in two (2) difference locations near the bottom of the tank and close to the weld seams on all four (4) sides of the tank.
- Record the metal thickness results on the Test/Inspection Report



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