

Monitor hydrostatic test on tanks

APPLICATION C110

Type of Company: [Manufacturer of Fire Extinguisher - Service](#)

Location: [Illinois](#)

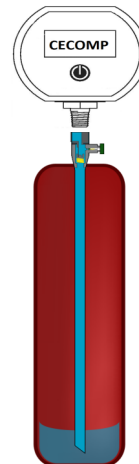
Fire extinguishers' cylinders become weaker with age. Because of this, in buildings other than houses they are generally required to be serviced and inspected by a Fire Protection service company at least annually. Hydrostatic testing is a pressure test in which the thickness and serviceability of the cylinder is measured.



Photo by Steelworker 3rd class Jessica Pearson US Navy ID 070901-N-9125P-016

The Engineering Issue

- The engineer requires an accurate pressure measurement of the hydrostatic test for cylinders and fire extinguishers.
- The test equipment needs to be portable, rugged, accurate, and have an easy-to-read visual indication of the pressure.



The engineer used a Cecomp F4B ultra-rugged battery-powered gauge to monitor the pressure and record the pressure values on his certification documents. The F4B is highly accurate and comes in a durable NEMA 4X case.

Problem. Solved.