

# PRESSURE TESTING



FOR ALL YOUR INSPECTION NEEDS



Pressure testing is a way of quality assurance/ demonstration of installation and helps identify damaged or defective pipe, fittings, joints, valves, hydrants and thrust restraint systems. There are many advantages of pressure testing such as decreasing expense risks, decreasing safety risk and also decreasing healthy risks.

We can divide pressure testing into 2 cases:

- 1. Hydrostatic Pressure Test.**
- 2. Pneumatic Pressure Test.**

Hydrostatic Pressure Test is a way in which leaks can be found in pressure vessels such as pipelines and plumbing. Hydrostatic tests, on the other hand, verify the performance of fluid pressure vessels.

Using this test helps maintain safety standards and durability of a vessel over time. Newly manufactured pieces are initially qualified using the hydrostatic test. They are then continually re-qualified at regular intervals using the proof pressure test which is also called the modified hydrostatic test. Hydrostatic testing is also a way in which a gas pressure vessel, such as a gas cylinder or a boiler, is checked for leaks or flaws.

Testing is very important because such containers can explode if they fail when containing compressed gas.

