

Ship Inspections Infographic



BEST PRACTICES FOR
PRESSURE VESSEL INSPECTIONS

INTERNAL PRESSURE VESSEL INSPECTIONS

Where construction allows, internally inspect each pressure vessel (except as noted below) **every ten years** (or at time of one-half of the vessel's remaining life, whichever is less).

Properly prepare the pressure vessel for internal inspection by:

- Draining vessel of all contents
- Implementing proper lockout procedures to isolate all sources of energy including electrical, mechanical, gravity, etc.
- Opening vessel by removing all manhole covers, inspection plates, and inspection plugs
- Thoroughly cleaning vessel
- Pre-qualifying the confined space for entry by monitoring air for oxygen concentration, flammable gas concentration, and toxicity levels (i.e., carbon monoxide, hydrogen sulfide, etc.)

Source: <https://www.tuvsud.com>