

# D-Series Tapping Tool

## Solution Overview

D-Series Tools help to safely and quickly test liquids in a pipe that may contain hazardous substances for humans and the environment.

## Features

- Made of all Stainless Steel and PTFE material to withstand the harshest elements including plutonium and uranium.
- Meets requirements of ANSI N45.2, 10 CFR 50 Appx. B, and 10 CFR 21.
- Re-useable up to 5 times, but inexpensive enough to throw away after one use

## Advantages

- Safe – no welding or pyrotechnics needed
- Installation takes minutes
- Test pipe safely and quickly
- All Stainless-Steel construction can withstand any and all elements
- Can position at any degree on pipe to make connections
- Drill bit does not create heat or sparks
- Can stay in place until pipe is removed
- Tap sand drains host pipes along the floor or other obstructions

## Size/Pressure Range Capabilities

- **Pressures:** Up to 285 PsiG at 100°F (38°C)
- **Sizes:** ¼” to 3”

## Common Questions

**Q:** What are the materials of construction?

**A:** 304SS and PTFE gasket material.

**Q:** What pressure will these hold?

**A:** 285 PsiG (19.6 BarG).

**Q:** What size is the drill?

**A:** Nominal drill is 3/8”, 1/4” for smaller size tools.

**Q:** Can you drain from the top of the pipe?

**A:** Yes, the D2 model allows for tapping from the top of the pipe.

## Selling Story

Originally slated for Rocky Flats Decommissioning and Demolition, the tool helped shave decades off the timeline for dismantling the plant. The D-Series Tapping Tools are used at a majority of DOE National Lab sites to test piping for contamination.

