Why do we need Double Containment?
It’s the law.

Resource, Conservation, and Recovery Act
December 1988 – a revision regarding underground piping.
U.S. Environmental Protection Agency (EPA) introduced:

Leak Detection Requirements
EPA requirement: (CFR), Title 40, Part 280
Visual Leak Detection
Drainage Systems: Monthly manual inspection is required
Electronic Leak Detection
Pressure Systems: Must be checked once per year

Best Practice
Double containment piping systems provide safe transport of fluid in critical areas. Should a leak occur, People, Equipment, and Valuable Property will be protected from possible harm or damage.
- Risk / Insurance
- Personnel Safety
- Environment

Where do we NEED Double Containment?

Federally Mandated Applications
- Chemical Plants
- Laboratories
- Fuel Systems for Emergency Generators

Best Practice Applications
- Healthcare/Hospital Use
- Laboratories
- High-Tech & Data Storage Environments (Network & Server Rooms etc.)
- Public areas (Museums, Libraries, Theaters, and Restaurants)
- Historical Sites
- Residential Buildings
- and more...

How do we DESIGN Double Containment?

Material Selection
- Chemical Compatibility
- Pressure
- Temperature

Thermal Expansion and Contraction

How do we MONITOR Double Containment?

ABOVE GROUND APPLICATION: Best Practice
- Visual leak detection
- Electronic leak detection

BELOW GROUND APPLICATION*: Federally Mandated
- Visual leak detection
- Electronic leak detection

WHERE DO I START?

For more information, contact: 1.800.463.9572 ipexna.com