

TraceTek Preconstruction Record for Double-Contained Piping

Owner/Operator
company _____

Raychem authorized
service representative _____

Building/Unit _____

Address _____

Street _____

Street _____

City _____

State _____

City _____

State _____

Zip _____

Contact _____

Telephone _____

The following items have been reviewed:

- Installation sequence for double-contained piping and leak detection**

Lessons from practical experience

- Time/cost to deal with broken or jammed pull rope
- Time/cost to clean and dry annular space; important factors
- Predictable events with double contained piping during construction process
- Impact of attention to details and provisions to deal with problems

Piping design details

- Access points - locations and design/configuration
- Containment closure - sealing from environment
- Centralizers - open for flow, handle all loads, free of snags, aligning and fixing
- Path for pull rope - clearance, avoiding snags and pinch points
- Provision for draining and drying

Pull rope

- Correct type: hollow braided nylon or polypropylene, 1/4 to 3/8 in. in diameter
- Single continuous length from access to access - no knots or splices
- Free running - not tangled, pinched, or glued
- Installation of pull rope as piping is assembled; specific techniques & issues for type of piping to be used

Clean and dry containment pipe

- Precautions in storage and handling of containment piping
- Procedures and precautions during pipe assembly - cleaning, draining, sealing
- Completely sealing containment pipe from the environment
- Followup to pressure tests; drying techniques and outside services

Steps before sensing cable installation

- As-builts of piping while still accessible
- Important checkpoint: containment piping ready for sensing cable installation

Installation of leak detection system

- Tradesmen appropriate for handling sensing cable and using instrumentation
- Training by Raychem service representative before installation
- Logistics/training for connector installation

Commissioning and mapping

- Leak detection system checkout, mapping, and operator training by authorized Raychem representative

Roles

- Definition/confirmation of who does what

Signatures

Meeting Conducted By: _____ Date _____

General Contractor _____ Company _____

Piping Installer _____ Company _____

TraceTek Installer _____ Company _____

_____ Company _____

_____ Company _____