



# CHEMICAL DRAIN SEALING



GAS



WATER



NUCLEAR



CONTRACT SERVICES

A safe, simple and versatile system for permanently sealing redundant chemical and active drain networks

For over 30 years Steve Vick International (SVI) has been formulating expanding polyerethane, closed cell foam to successfully fill pipes and voids on gas networks around the world. Further adaptations and developments of our technology have led to 20 years of success within the nuclear decommissioning sector.

## EXPERIENCE AND EXPERTISE

Our products and services involve permanently sealing, decommissioning and diverting all types of pipework, ducts and voids in a wide variety of situations including underground and underwater.

We have been heavily involved in sealing chemical drain systems at Chapelcross power station, Hunterston A and redundant fuel lines at Harwell.



*A foam filled active manhole chamber at Hunterston A*

**Bespoke systems for individual projects**

## BENEFITS

- Will fill any size or shape including; tapers, bends and vertical pipework
- Bespoke systems for individual projects
- Successfully encapsulates contamination
- Easy disposal once cured
- Ideal where space is limited
- Line of sight not required
- Well proven technique

## TESTIMONIALS

Martin Weeks, Head of Decommissioning Projects at Magnox North Chapelcross said, "Steve Vick offered us a competitive, engineered solution for our project and they delivered their service within the agreed timescales. We were impressed with the cooperation and flexibility that Steve Vick demonstrated under working arrangements".



*One of the 43 redundant chambers which were filled remotely using expanding polyurethane foam*

## DESCRIPTION

Expanding foams can be injected into drains and their connected manholes using a range of established methods. The foam can be introduced from up to 75m away and can be adapted to give various expansion ratios from 2:1 to 20:1.

The technique is suitable for non-standard diameters and shapes, and can be used on tapers, bends and vertical pipe work. The expanding foam will lock up any debris or media within the void preventing contamination becoming airborne during removal.

## APPLICATIONS

The cured foam can be cut through, preventing contamination escaping during pipe or duct removal.

Line of sight is not required as CCTV cameras can be used during the operation.

The foam used is a viable substitute for cement grout filling and lends itself well to disposal as it becomes chemically inert when cured. It can also be size reduced and incinerated.



*We have a team of highly experienced technicians who carry out projects around the country*

## INSTALLATION

We design and develop bespoke injection systems for mass filling to suit your specific project requirements.

Hot-tapping systems can be used when access is not an issue using airtight gland systems and drills to ensure escape-free foam injection.

Remote injection of foam can be accomplished using our established techniques, reducing risk and exposure times in hazardous environments.

Foam expansion ratios mean that a small amount of material is required to create a large quantity of void filling matter.



*Access chamber showing where the FOAMBAG's™ were installed in the active drain system, using umbilical line to remotely foam fill entire section*

**If you would like to discuss our systems  
in greater detail please contact our  
Nuclear Department on  
01225 864 864  
or email  
rich.ditte@stevevick.com**

Steve Vick International Ltd. Treenwood Industrial Estate, Bradford on Avon, Wiltshire, BA15 2AU

info@stevevick.com +44 (0) 1225 864 864 stevevick.com

