

FBOS

FBOS (Foambag Operation on Stubs) is a method of replacing short lengths of T1 stubs/ stranded mains for diameters of 4" up to 8" including one-way fed in sensitive locations or where access onto the main is restricted.

In conjunction with Cadent Gas, Steve Vick International (SVI) has developed a remote, live mains replacement technique for 4"- 8" stubs that delivers 100% abandonment.

Where a short length of T1 main, 4"- 8", has been left from a previous replacement scheme, the FBOS technique is able to remotely replace this section and fully decommission the annular space. It is often impractical to replace shorter lengths of T1 main, which are commonly located in areas of

engineering difficulty, for example, close to busy roads or junctions. However, the FBOS technique allows an excavation to be made in a non-sensitive area and from this remote position, the T1 main is replaced under 'live' conditions.

It is suitable to use on all metallic mains, for dimensions of 75mm in 4/5", 90mm in 6", 125mm in 6/8" and 140mm in 8".



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Benefits

- **Environmentally friendly – trenchless technology reduces environmental impact by minimising excavation and disposal of spoil**
- **Minimum disruption – enables short sections of main, up to 30m to be replaced under ‘live’ conditions and ideal in traffic sensitive locations where access onto the main is restricted**
- **Improved safety - the annular space of the old metallic main is fully decommissioned up to the final transition joint, avoiding the possibility of future leakage**
- **Cost effective - reduced cost to the network and the customer as it minimises traffic management and costly lane rentals**
- **Remote replacement – replacement is undertaken from a remote location, typically 10-13 metres from where the pipe intersects with the parent main**
- **Adaptable – can be used on one way fed mains and FBOS nose cone is designed to negotiate bends, existing services and plugs**

Technical specifications

For Low Pressure up to 75mbar

Maximum lengths around 30m

Approved internal weld FBOS nose cone

Scalable for 9-12" host mains

Typically takes 3-4 hours



About Steve Vick International

We are experts in innovative engineering for trenchless renovation and decommissioning of pipes worldwide.

Since our foundation in 1981, we have been dedicated to delivering cost-saving solutions for damaged, redundant or outdated underground pipe work. We are at the forefront in developing products and techniques across gas, water, nuclear and contract service sectors on a worldwide basis.

We are proud of our reputation for innovative product development, strong technical support and after sales care.

For more information on any of the products and services featured here, please contact: info@stevevick.com



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