STEVE VICK INTERNATIONAL

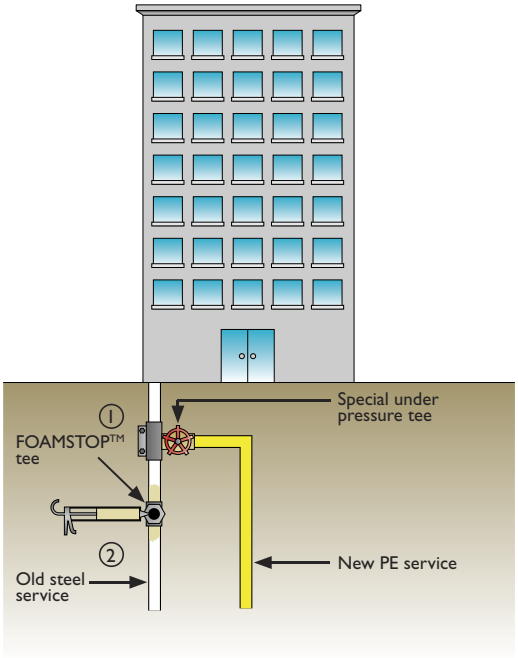
LIVE GAS SERVICE TRANSFER & LIVE GAS RISER TRANSFER

These techniques allow a gas service or gas riser to be partly renewed or transferred to a new main without first decommissioning it (subject to a risk assessment carried out by a competent person).

LIVE GAS SERVICE TRANSFER

This technique solves the problem of renewing services, up to 2" diameter, to multi-occupancy properties or premises with uninterruptible supplies such as flats, shops, restaurants, hotels etc.

The service can be partly relaid and/or transferred to a new main without disrupting the customer's gas supply. In flats and offices, this avoids the need to gain access to individual consumers.



METHOD

A special under pressure tee is fitted to the portion of the old service remaining in commission and the new section of service is laid and connected to this under pressure tee ①.

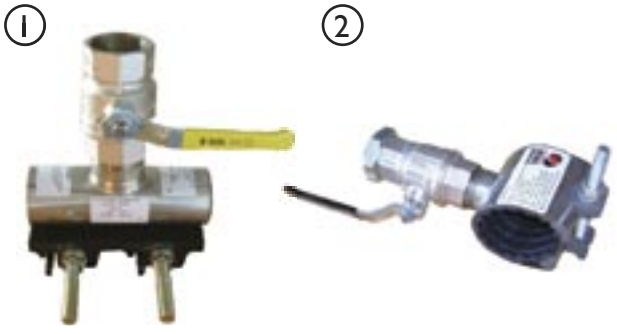
Following testing, purging and commissioning of the new service, the section of the old service to be abandoned is cut off using our FOAMSTOP™ techniqiue.

The FOAMSTOP™ wrap-around tee with valve and gland is used to allow no-gas injection of the expanding FOAMSTOP™ foam ②.

The Steve Vick International Under Pressure Drill can be used to carry out both drillings in the process. After the foam has cured, a small section of the old service is cut out either side of the injection hole and Flexicaps are fitted.

Note: the procedure can be used on 3" diameter services if required in which case a FOAMBAG™ is used

EQUIPMENT



FOAMSTOP™ kits and all the equipment required to carry out Live Service Transfer are available from Steve Vick International for customers to carry out their own operations.

Under Pressure Tees ① are available to fit 1", 1¼", 1½" and 2" diameter services.

FOAMSTOP™ tees, ② supplied with ball valve and gland nut, are available for nominal bore diameters ¾", 1", 1¼, 1½", 2" and 3".

Flexicaps are available for 1", 1¼, 1½", 2" and 3" pipes.

The Under Pressure Drill ③ is a robust, low cost drill which is hydraulically tested and recommended for use on pipes running at pressures up to 2 bar (30 psi). It cuts holes up to 44mm diamter. The standard model has a 190mm shaft travel whilst the extra-long model is available with a 400mm shaft travel.

FOAMSTOP™ Kits comprise a two-part, pre-measured expanding resin foam which is mixed on site. It is injected using a special Applicator Gun with a hinged body to accept the FOAMSTOP™ cartridge.

Pipe bore	FOAMSTOP™	Max length
1"	250 ml	1.40 metres
1¼	250 ml	0.76 metres
1½"	250 ml	0.64 metres
2"	400 ml	0.64 metres

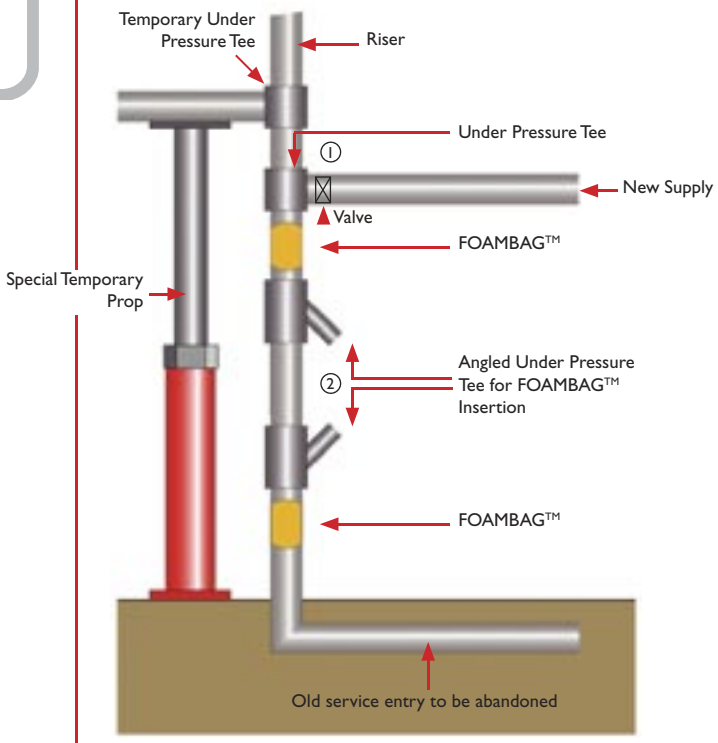
Allows services to be partially relaid without disrupting gas supply

Renew a section of gas riser inside a building without turning off the supply

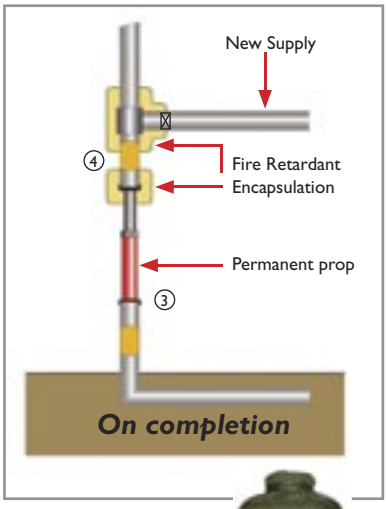
LIVE GAS RISER TRANSFER

Approved for use within the UK gas industry for ¾" to 6" diameter services, this technique allows a gas riser within a building to be partly renewed or transferred to a new main without first decommissioning it (subject to a risk assessment carried out by a competent person).
It enables a section of old service under the building—frequently the cause of leakage—to be abandoned. The technique is particularly beneficial in high rise apartment blocks as it **avoids the need to gain access to each dwelling.**

This technique is carried out by our Special Contract Service teams.



Special Under Pressure Tee



Tailored fabric encapsulating muff is injected with fire retardant material

METHOD

A special Under Pressure Tee is fitted to the portion of the old riser remaining in commission ① and the riser is drilled through the Tee using an Under Pressure Drill. The new service is then pieced into the Tee.

In order to abandon the old riser, two special angled Under Pressure Tees are fitted at suitable points between the floor level and the new service ② .
The riser is then drilled and FOAMBAGS™ are installed. The bags are then injected with expanding resin foam.

After curing and testing, the Under Pressure Tees are removed and the riser cut out at the FOAMBAG™ insertion holes ③. End caps are fitted and a support prop installed.

Having checked all the joints for leaks, the new service connection point and the live side of the abandoned section of riser are encapsulated with fire retardant material ④ to provide **a 30 minutes fire check.**

BENEFITS

- **A solution to the replacement of services to high rise buildings**
- **Enables the section of old service under the building to be abandoned**
- **No disruption to customers' supplies**
- **30 minute fire check**
- **Avoids the need to test, purge and relight each dwelling**

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