

LIVE GAS 'STUB END' ABANDONMENT



For the safe, remote, final abandonment of unwanted sections of gas main (commonly known as Remote FOAMBAG™)

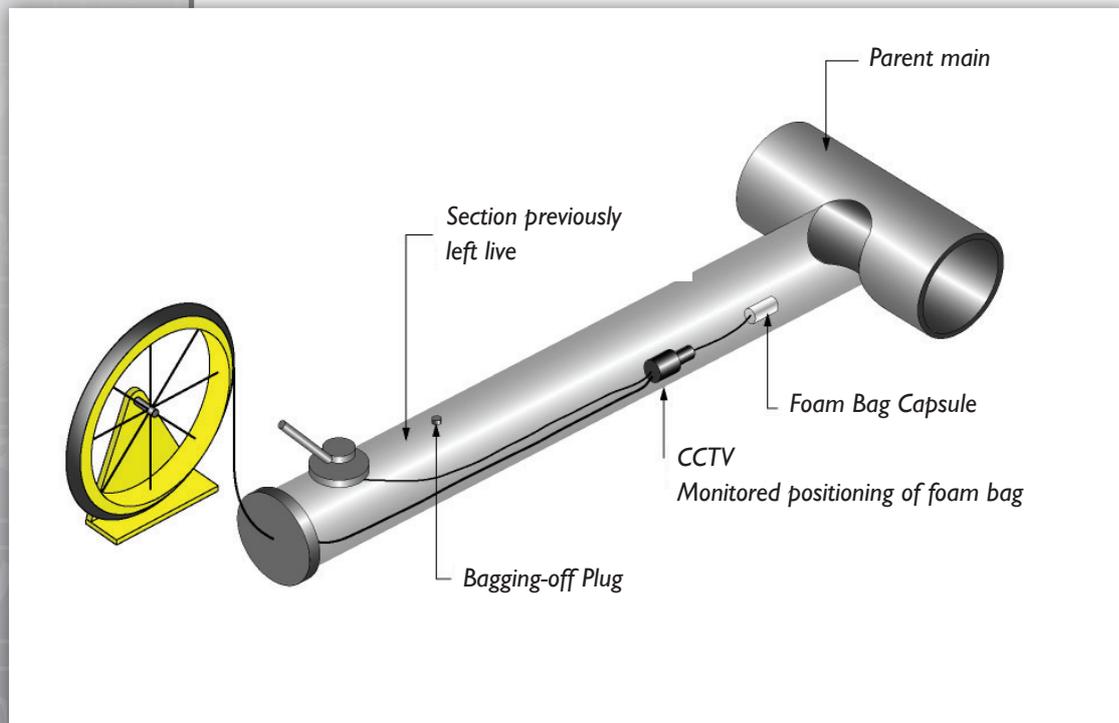
It is often impractical to disconnect a redundant main directly at its connection with the parent main. This may be because the tee piece is located under a busy junction or is in a sensitive area such as near a petrol station or where disruption caused by the work would be unacceptable.

Final abandonment of these unnecessary short sections of main is important if leakage problems are to be avoided in the future.

The Live Gas Stub End Abandonment technique allows an excavation to be made in a non-sensitive area from where the abandonment operation is carried out remotely. It is suitable for use on low pressure systems from 75mm to 300mm (3" to 12") in diameter and is typically employed on short 'stub ends' of two to 20 metres in length, which are redundant but have previously been left live.

BENEFITS

- Enables short, live sections of unwanted main to be finally abandoned
- Abandonment carried out remotely from a nearby 'non-sensitive' position
- Ideal in locations in close proximity to petrol stations, hospitals etc, or other locations where disruption would be unacceptable
- Entire section filled with foam to avoid possibility of future leakage
- Trenchless technology - reduces excavation
- Carried out by Steve Vick International's Contract Service teams

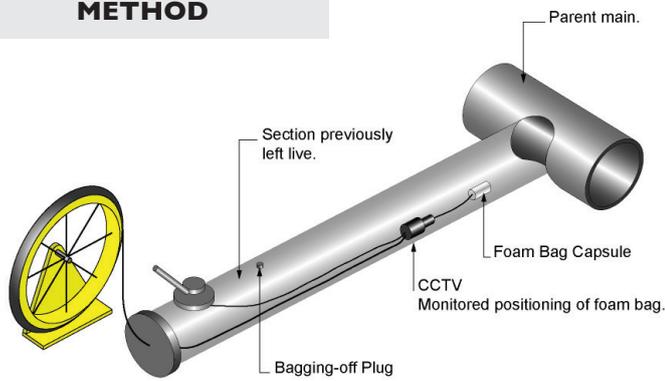


The technique is carried out by Steve Vick International's Contract Service team. An excavation is made in a non-sensitive area to expose the stub end. From here, with the aid of CCTV equipment, and using Steve Vick International's patented FOAMBAG™ technology, the unwanted section is sealed off at the neck of the tee. The whole section is then filled with foam to render it safe and leak-free.

Secure and final abandonment of live stub ends from a remote location.

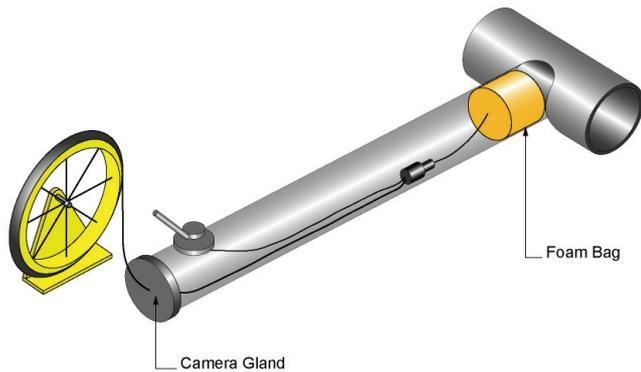
Fully approved by all GDNs

METHOD

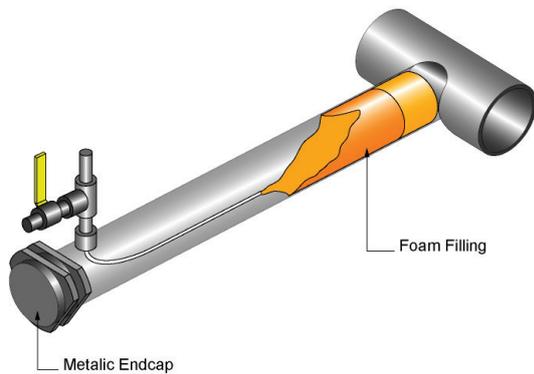


A temporary flow stopping operation is carried out and a camera gland fitted to the end of the main to enable the CCTV equipment to be inserted. This enables the SVI technician to determine the position of the tee on the parent main.

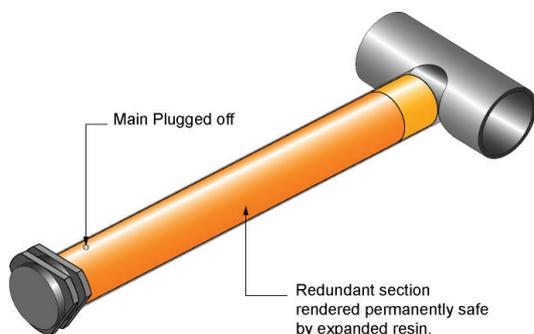
N.B. 3" to 6" mains require bagging off and access via a Steve Vick International modified End Cap. Access to 8" to 12" mains can be via existing bag holes using a Wask Base (2"x2" drillings).



A FOAMBAG™ is inserted and positioned at the neck of the tee. It is pulled back by 500mm and then injected with expanding resin foam dispensed from the injection machine located at the excavation.



The camera is removed and the isolated section of main is vented and checked for any build up of gas pressure. Once the FOAMBAG™ is found to be holding, the camera gland is removed and the main is cut. A permanent metallic end cap is fitted.



A fill tube is then inserted through the primary bag hole and is pushed up to the cured FOAMBAG™. Foam is then injected from the injection machine to fill the abandoned section of main. The end of the tube is pushed into the main and the hole is plugged.

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