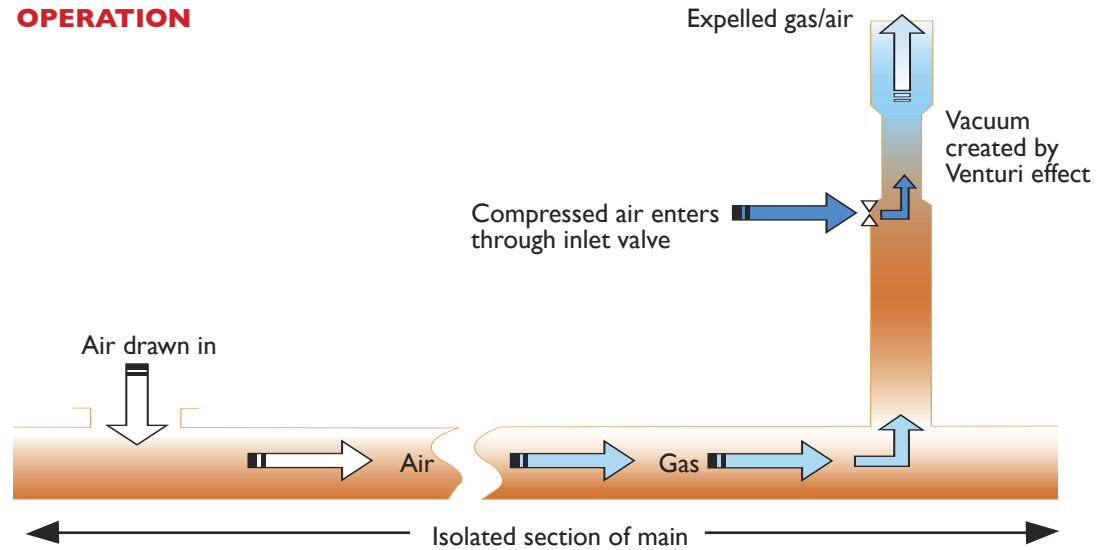


# MINI PURGE EJECTOR

For purging gas from metallic and PE gas mains during pipe abandonment

The new Mini Purge Ejector is designed as an alternative to the large purge ejectors which have been in use since the mid 1980s. It works on the same Venturi principle but is lighter and easier to handle. Designed for use on mains from 3" to 12" in diameter, the Mini Purge Ejector ensures a fast, clinical and effective purge on gas pipes to be abandoned.

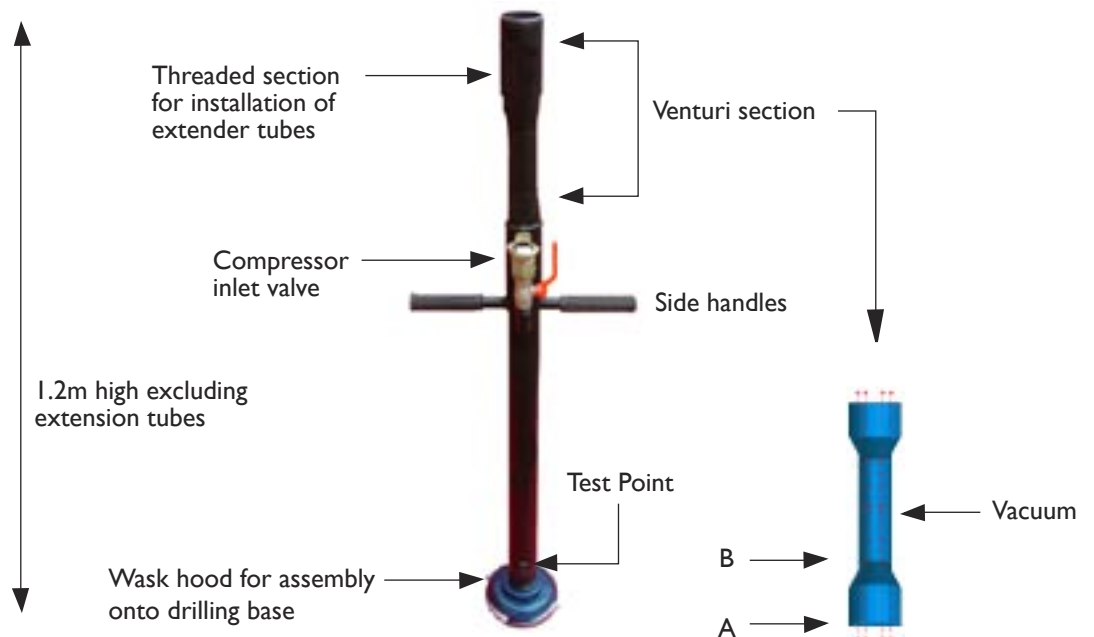
## OPERATION



**A smaller,  
easier to handle  
alternative to  
traditional  
purge ejectors**

The Mini Purge Ejector is attached to one end of the isolated main and the vent is opened at the other end to draw in air. Compressed air is introduced into the Mini Purge Ejector which creates a vacuum. This has the effect of withdrawing the gas from the main; the purged gas and air are expelled into the atmosphere.

## COMPONENTS



A high velocity jet of compressed air enters at point A ; at point B, where the diameter of the section narrows, the velocity increases resulting in negative pressure and creating a vacuum. The vacuum withdraws the gas along the main and up into the purge ejector.

## EQUIPMENT LAYOUT

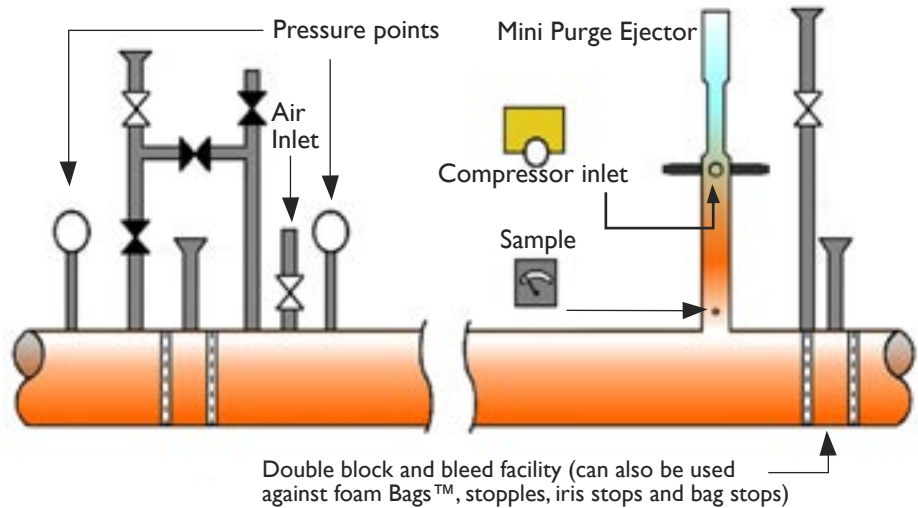


Diagram courtesy of National Grid Transco



Above: National Grid Transco and SVI personnel carrying out trials during the development stage.  
 Right: On-site during field trial stage; extension tubes will be fitted to ensure that the height of the outlet is at least 2.5m above the ground



**Steve Vick International Ltd.**  
 Unit 4 Pinesway  
 Ivo Peters Road  
 Bath BA2 3QS  
 UK

Phone: +44 (0)1225 480488  
 Fax: +44 (0)1225 480484  
 Email: [info@stevevick.com](mailto:info@stevevick.com)  
[www.stevevick.com](http://www.stevevick.com)

