

# BOC making shutdowns easier to handle

## Case study

### Business benefits

Customers using the backfeed service gain from:

- An 'end-to-end service' from BOC
- Elimination of the risk associated with large cylinders
- No high pressure connection
- Elimination of unsafe storage practices in patient environments

The BOC backfeed kit is a method of supplying medical oxygen to departments while the main pipe infrastructure is being isolated for example supporting wards, SCBU or HDU during shutdowns.

The kit is also suitable for emergency use during system failure/ pipeline breach and is available to support separate departments. The equipment offers an easy to use, lightweight and secure solution, which is an invaluable resource for Authorised Persons (MGPS) to manage Medical Gas Pipeline systems safely and effectively.



BOC has introduced a new backfeed service, which makes shutdowns easier to handle.

The service includes:

- Consultation at planning stage
- Delivery and set-up of 1 to 24 backfeed supplies and cylinders
- Optional BOC engineer on site to manage the equipment

Customer feedback on the new service has been very positive. The Backfeed Service has been successfully used at London's St Barts Hospital by Skanska. Skanska's opinion is that the works were "a total success and at no time was the oxygen supply at risk".

**Andrew Price**  
Leeds Teaching Hospital

"To provide an emergency supply of oxygen to the intensive care unit as part of a programme of ongoing works where it had been essential to maintain a clinical service. We connected three BOC backfeed kits to support critically ill patients for the duration of the works and we have found them to be easy and simple to use. The BOC Backfeed kits were particularly effective in supporting an area of high oxygen usage. We didn't have to worry about continually changing cylinders due to the oxygen capacity per cylinder supplied with the Backfeed kit. I would recommend the use of BOC Backfeed kits."

**Paul Tierney**  
Medi-Plumb Installations

"Over the past decade at Medi Plumb we have used several different MGPS Back-Feeding kits but during a recent major shutdown at an NHS site we found the BOC kit to be highly efficient. This was mainly due to it being delivered in a 'ready to use' state and not having to be constructed on site and due to the simple 'connect and go' method. We would definitely recommend the BOC Backfeed kit and we will use it again."

**Clive Myatt**  
Technical services manager

"We have found the backfeed kits very easy to use – especially in terms of moving them around the hospital. The cylinders are mounted with their own trolley, which reduces handling issues and noise. The higher capacity cylinders also result in fewer changeovers. Using the backfeed kits for programmed works has been very beneficial."

## BOC Healthcare

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