



CASE STUDY

Working with Critical Services to Ensure the Gas Stays Live

SERVICE: Gas Connections & Infrastructure
for Combined Heat and Power (CHP)

PROVIDER: National Gas Metering

Overview

This hospital specialises in routine, non-complex surgery across the Northwest of England.

We were challenged with finding a suitable engineering solution to enable a meter exchange at an NHS hospital within very tight timescales.

Scope of Works



The site had a legacy medium-pressure rotary installation with a twin-stream auxiliary-controlled Reynolds Bowl, along with two additional backup direct-acting streams, all located within a building.



The hospital was advised that the metering installation needed to be relocated, as the current location was deemed unsuitable.



Due to the outlet pipework running through a large, complex site supplying many buildings, an outage was not feasible to make the necessary connections.

Delivery

A proposal was developed and discussed with the customer to install a live below-ground under-pressure tee connection on their outlet pipework in front of the existing metering room. This solution would allow the site to maintain positive pressure downstream.

To facilitate the works, we secured approval and legal transfer of a decommissioned district network governor, including its kiosk and concrete base.

With excellent support from our Siteworks team and service partners, we proceeded with constructing a new concrete base, installing a new 90mm PE service, a new ECV, and a 125mm PE outlet pipe connected to the existing system via the under-pressure tee. The New Twin Stream Direct Acting Itron Metering Module was successfully commissioned, and the live gas was transferred over without disruption.

INTERESTED IN POWERING YOUR OPERATIONS WITH CHP?

Talk to us about future-ready gas infrastructure:

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