# Medical Gases Survey

## Our clients include:

Sheffield Teaching Hospitals Royal Berkshire Hospital George Eliot Hospital

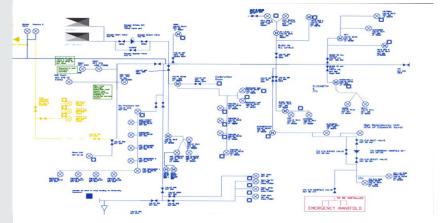
Topscan have been completing surveys for our customers for over 25 years. We are unique in offering a UK wide service using solely our own experienced surveyors and the latest equipment so that our customers can be sure of consistency and quality of deliverables.

Most healthcare providers do have a set of medical gas pipeline drawings, however these are often neglected due to being treated as a standalone set of drawings, or have been thought of as accurate despite changes being made to the gas systems.

To prevent this, we believe its best practise to incorporate them into the master set of your layered CAD drawings. This helps to ensure that when updates are made to the building, the impact on the medical gases is not overlooked.



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#### What's involved?

Our specialist Medical Gas Survey team works in conjunction with Authorised Medical Gas Engineers and Project Managers to locate any existing Medical Gas Record Drawings in order to ensure the most cost-effective approach, or if no existing drawings are available, our surveyors can draw them for you from scratch.

As part of the survey we collect the location of main sections and branches, departments served, the direction of flow and pipe work sizes, control valves, terminal units and alarm systems for each medical gas service. Once the relevant information has been collected, we add it to the AutoCAD drawings in accordance with a layering and symbol convention agreed by you.

## Why is a medical gas survey essential?

Accurate medical gas record drawings aren't a choice, they're a necessity. Section 5.37 of the current HTM 02-01 for Medical Gas Pipeline Systems details the need for accurate and up-to-date medical gas record drawings and how they should be maintained. Furthermore, up-to date drawings and records are also required under the Pressure Systems Safety Regulations 2000.

### Other Topscan survey services:

- Measured Building Survey
- Asset Survey
- M&E Services Survey
- Fire Services Survey
- Condition Survey
- Drawing Verification Survey
- Occupancy Survey
- Topographical Survey

## Moving forward

Investment in your Medical Gas drawings needs to be protected. It is essential that drawings and data are maintained and updated and that regular onsite audits are conducted to ensure that even the smallest changes are captured. Topscan regularly works with a number of NHS Trusts, helping them to maintain their drawings after refurbishments and building work. We conduct audits and provide CAFM support through our Regular Update and Audit Service. Not only is this the most cost effective approach to drawings and data maintenance, it also means that you benefit from a consistent approach liberated from the inevitability of staff changes.



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## Survey Services

Measured Building Surveys

Drawing Verification
Surveys

M&E Asset Surveys

M&E Services Surveys

Fire Services Surveys

Medical Gases Surveys

Condition Surveys

Occupancy Surveys

3D Laser Scanning / Point Cloud

Topographical Surveys

**Building Elevations** 

Space & Asset Tagging (GS1)

**CCTV Surveys** 

Sub Services

Radar Surveys



## CAD Services

Full CAD Bureau

Drawing Review, Maintenance & Management

Drawing Hosting

CAD Standardisation

2D Draughting

3D Modelling

Elevations

360° Building Virtual Walkthrough

BIM / Revit Modelling

Fire & Evacuation Plans

Building Services Co-ordination



## Scanning

Document

Scan & Print Bureau

Document Scanning

Management System Population

Drawing Scanning

Invoice Scanning

Indexing & Bookmarking

OCR

Document Hosting



## Compliance

Fire Risk Assessments

Fire Compartmentation Surveys

Glazing Audits

Window Restrictor Audits

Asbestos Re-inspections



## CAFM / CMMS

**CAFM** Population

PPM Planning

CAFM Implementation

& Services

CAFM ISP

**CAFM Management** 

**CAFM** Implementation