



**Client:**  
NHS

**Location:**  
North West of England

**Date:**  
July 2014

**Sector:**  
Healthcare Sector

## CAMFIL AIR CLEANERS IN NHS CHEMOTHERAPY DEPARTMENT

**CAMFIL WAS APPROACHED BY ONE OF THE LEADING HEALTHCARE FACILITIES IN THE NORTH WEST OF ENGLAND BY A CLIENT WITH A REQUIREMENT FOR NEW AIR HANDLING UNITS TO SERVE THE NEW CHEMOTHERAPY DEPARTMENT.**

### PROJECT CHALLENGES

The maternity ward in the hospital was in the process of being converted to provide a new Chemotherapy Department and the original requirement was for Air Handling Units to serve the area. The client required 10 air changes per hour and was advised to install F7 grade filtration.

Upon consultation, it became apparent that heating and cooling was not required within the department. Camfil carried out a complete audit of the space and layout of the department to ensure that the optimum products were recommended to fulfil the project.

They recommended a series of products from the Camfil Air Cleaner range for use throughout the new Chemotherapy Department.

Based upon the clients' requirements, Camfil recommended air cleaners as they proved to be the most cost efficient solution for the space and layout of the department and were more suited to the project.

Camfil Air Cleaners deliver E11 filtration which is a far superior level of cleanliness than F7 filtration. In addition, these air purifiers have the versatility to be moved around areas if they change procedures once in use.

The layout of the new department was taken into consideration and the following recommendations were made:

- CamCleaner 800 in each of the 5 treatment rooms
- CamCleaner 2000 to serve the waiting area
- CamCleaner 6000 model adjacent to treatment rooms in the main corridor with ducting above the ceiling to two grilles in corridor ceiling

### RESULTS

The change in air quality provided by the 'plug and play' CamCleaner 800 and 2000 units is measurable within

# CAMFIL CASE STUDY

20 minutes from switch on. Coupled with the installation of the CamCleaner 6000 model within the larger space provide enough capacity to purify the air within each of the key areas.

Bacteria, dust, viruses and harmful particles in the air may cause itchy eyes, headaches and a blocked nose. Furthermore, it can also give rise to asthma and irritation of the respiratory tract. Camfil Air Cleaners purify the air and effectively combats these problems.

Camfil Air Cleaners can be used to remove harmful bacteria within healthcare estates and clinical spaces. For a healthcare department of this size, the outlay for the hospital is less than £20,000+VAT.

## PRODUCTS USED:

**CamCleaner 300**  
(environments up to 100m<sup>2</sup>)

✓ **CamCleaner 800**  
(hospitals, offices, homes, schools)

✓ **CamCleaner 2000**  
(industrial premises)

✓ **CamCleaner 6000**  
(large industrial environments)

## ABOUT THE CAMCLEANER RANGE

CamCleaner is a range of patented air cleaners with the most efficient HEPA filters on the market. They are designed to work as a supplement to existing ventilation systems and give reduced energy costs, more efficient production and a healthier work environment with less dust and fewer harmful particles.



CAMCLEANER 800



CAMCLEANER 2000



CAMCLEANER 6000

To improve the indoor air quality within your healthcare department or workplace or to find out more about the CamCleaner range of products, email [uk.filtersales@camfil.com](mailto:uk.filtersales@camfil.com) or call 01706 238000