

**Client:**

National Waste
Recycling Plant

Location:

North West England

Date:

July 2014

Sector:

Waste & Recycling

INDOOR AIR QUALITY IMPROVEMENTS AND ODOUR REDUCTION AT WASTE RECYCLING PLANT

CAMFIL WAS APPROACHED BY ONE OF THE UK'S LARGEST WASTE RECYCLING PLANTS IN THE NORTH WEST OF ENGLAND TO PROVIDE A SOLUTION TO THEIR ISSUE OF POOR INDOOR AIR.

Due to the nature of the plant, dust particles and nasty odours from the waste were migrating to the indoor spaces creating an unpleasant work space.

The organisation also had no mechanical air filtration in place which meant that the air was also stagnant and dusty. Camfil did a number of sample checks to test the quality of the air to determine the Global index of the indoor air quality within the main office area.

PROJECT CHALLENGES

Pollutants were detected in the indoor air of the main office area and the levels of concentration measured high. The situation required immediate action to improve the quality of indoor air.

The cost implication of installing an Air Handling Unit with a Carbon System, correct ducting and ventilation grills would mean that the expenditure would reach in excess of £100,000.

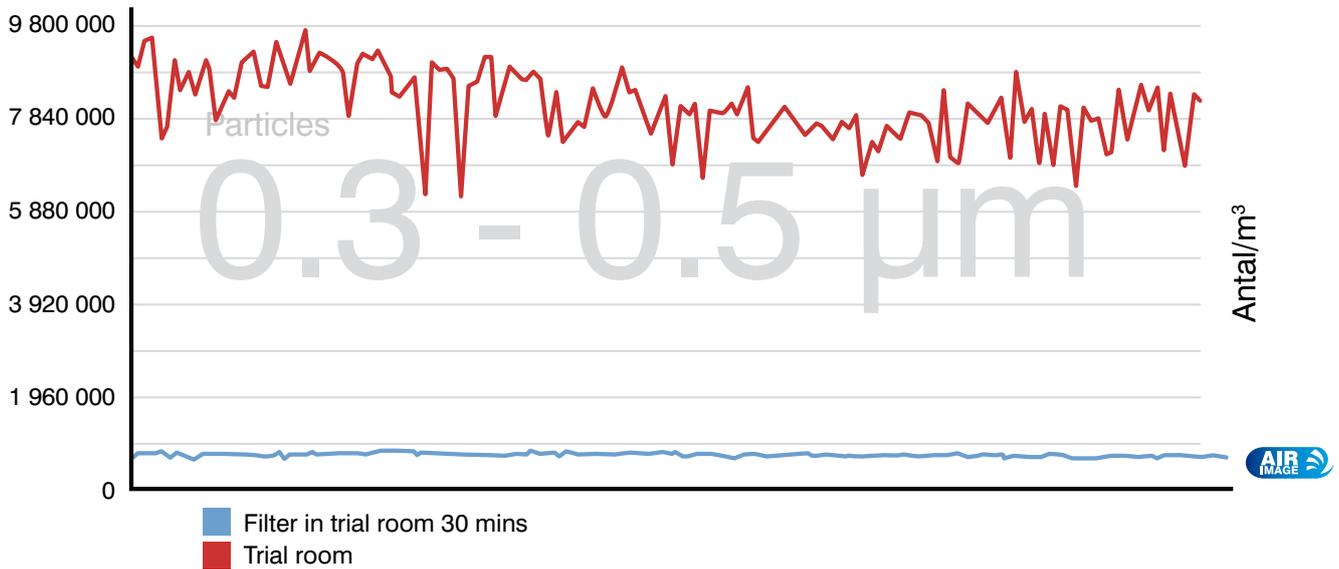
THE SOLUTION

Camfil supplied industrial air cleaners to reduce the odours and improve the quality of the air within the building.

The best fit solution for this particular client was the CamCleaner 6000 which is an industrial air cleaner with carbon filtration.

Plug & play, economical, no installation fees, low running costs, easy filter changes, offending areas now clean & healthy environment to be in.

CAMCLEANER CASE STUDY



THIS CHART SHOWS CAMCLEANER MAKES A SIGNIFICANT REDUCTION OF PARTICLES IN THE OFFICE SPACE ON THE WASTE SITE. AS WELL AS THE REDUCTION IN PARTICULATE, THE USE OF ACTIVATED CARBON FILTERS MEANT STAFF REPORTED LESS FOUL SMELLS MIGRATING FROM THE RECYCLING AREA INTO THE OFFICES.



Camfil air cleaners can be used in cleaning zones. This means that you can deliver extremely pure air to surfaces that are particularly sensitive while at the same time, other areas of the room can maintain a lower requirement level.

This saves money and at the same time, the number of operational disturbances caused by dirt and dust is minimised.

PRODUCTS USED:

CamCleaner 300
(environments up to 100m²)

CamCleaner 800
(hospitals, offices, homes, schools)

CamCleaner 2000
(industrial premises)

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

To improve the indoor air quality within your home or workplace, or to find out more about the CamCleaner range of products, email uk.filtersales@camfil.com or call 01706 238000