



Client:
Micro Mechanic

Location:
Europe

Date:
October 2014

Sector:
Manufacturing

VOCS AND HARMFUL DUST PARTICLES REMOVED USING AIR CLEANERS

CAMFIL WAS CONTACTED BY MICRO-MECHANICS WHO DESIGN, MANUFACTURE AND MARKET HIGH PRECISION TOOLS, PARTS AND ASSEMBLIES FOR THE SEMICONDUCTOR, MEDICAL, AEROSPACE AND HIGH TECHNOLOGY INDUSTRIES.

The client has 3 production premises and 1 test laboratory within their property portfolio. As rubber and powder chemicals are their raw materials, they were experiencing strong rubber and VOC smells within the production plant.

The client was also experiencing the on-going problem of high levels of dust particles in the air which was affecting production.

SOLUTION

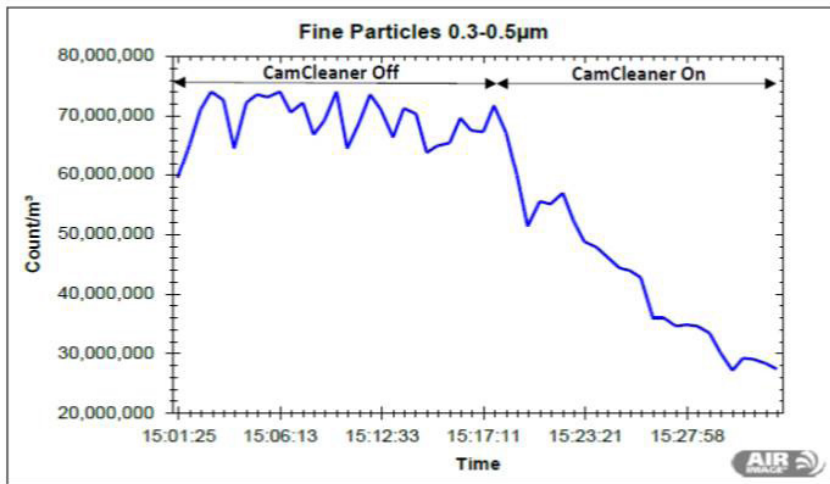
After studying the airflow and size of the production areas and test labs, Camfil recommended the installation of CamCleaner CITY M units.

The units were installed throughout the facilities to fulfil 2 main objectives:

- 1) To reduce dust particles
- 2) To remove VOC

RESULTS

- Odours in the production locations reduced
- VOC removed
- Volume of dust particles were reduced
- Healthier employees
- Less cleaning
- Lower energy costs
- Reduced environmental impact



0.3 – 0.5 micron average particle count:
 Without CamCleaner : 74,000,000
 With CamCleaner : 28,000,000 (for 15mins)
 % Particle Reduction : 62%
 VOC smell reduced

PRODUCTS USED:

CamCleaner 300
 (environments up to 100m²)

CamCleaner 800 molecular
 (hospitals, offices, homes, schools)

✓ **CamCleaner CITY M**

CamCleaner 2000
 (industrial premises)

CamCleaner 6000
 (large industrial environments)

ABOUT THE CAMCLEANER RANGE

Camfil's CamCleaner is patented and equipped with the most efficient air filters.

Thanks to the highly efficient HEPA filter cartridge with large filter area, the number of particles dramatically, and that long service life of the filter is achieved. You get a healthier work environment, more efficient production, less dust and fewer harmful particles.

To find out how to remove harmful particles and dust from precision production and manufacturing environments or to discuss your project requirements, email uk.filtersales@camfil.com or call 01706 238000



CAMCLEANER CITY M



CAMCLEANER 800



CAMCLEANER 2000