

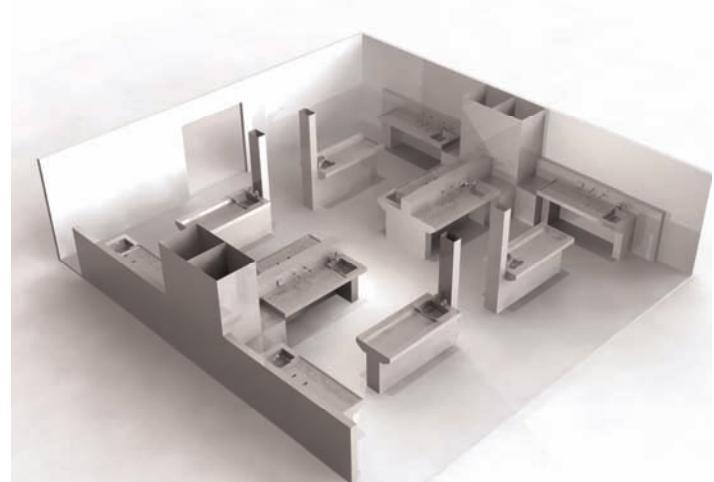
Case Studies

& Independent product evaluation

Afos products are designed to provide optimum protection both to the user, product and the environment.

Here are some of the solutions provided on projects in the past few years:

The CD shows a smoke test, “Containment Evaluation” on the Autopsy table



Case Study

University of Birmingham – Medical School

Background

The College of Medical and Dental Sciences at the University of Birmingham is a major international centre for research and education in medicine, medical sciences, dentistry, nursing and physiotherapy.

AFOS were approached to assist with the design and development of a new state of the art prosectorium which would provide larger, improved facilities for teaching anatomy.

Consultations involving the university project team and building contractors ensued.

AFOS used their expertise to ensure that the equipment was suitably integrated within the existing building fabric, whilst creating an environment that was both user friendly and aesthetically pleasing.

AFOS are regularly consulted at the planning stages of both large and small medical projects and we are always happy to provide this service at no cost to potential customers.

Solution

AFOS supplied a total of ten ventilated tables encompassing the following features:

Fixed and variable height dissection table, ergonomically designed for the health and safety of all users.

Down draft ventilation technology to protect users from harmful fumes.

Peninsular design to allow access to both sides

Table tops designed utilising a rapid transfer roller system to eliminate manual handling within the prosectorium

Stainless Steel service risers supplied by AFOS to ensure all services were housed within the service risers, minimising structural modifications to existing buildings

Customer Benefits

AFOS have supplied a first class facility for teaching anatomy. AFOS created an ergonomically friendly and aesthetically pleasing environment for the teaching of anatomy within the University of Birmingham.



Case Study

Astra Zeneca

Background

Astra Zeneca is one of the top 5 Pharmaceutical companies' worldwide who operates in over 100 countries and employs over 65,000 people. Their research is focused on six main therapy areas including cancer, cardiovascular, gastrointestinal, infection, neuroscience and respiratory and inflammation diseases.

One of their major facilities is at Alderley Park in the North West of England. This site covers 400 acres and contains historic green parkland, yet it remains an ultra-modern, high tech steel and glass site which houses some of the world's most skilled and experienced science professionals.

Astra Zeneca approached AFOS for assistance in designing specialised stainless steel laboratory benching for incorporation into a brand new, multi million pound research centre.

Solution

After an initial request from Astra Zeneca, AFOS provided a structured design process resulting in a state of the art facility being installed.

The initial step in the process was for AFOS to work with both the project designers and end users using our 3D CAD system in order to produce designs showing a variety of possible laboratory layouts, ensuring best possible use of the space available.

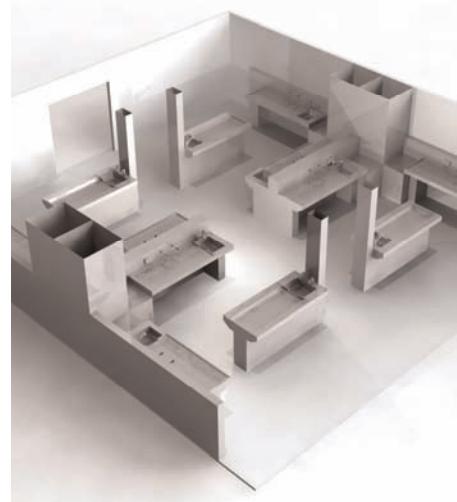
The next step in the design process was for AFOS to provide detailed 3D showing the dimensions, specifications and visual aesthetics of the equipment to be provided.

The design process was finalised by building a wooden mock up of the laboratory area so that the end user could visualise the end product and identify and problems prior to the commencement of the installation.

This process ensured the operational efficiency and ergonomics of the system gave the best possible result in terms of user friendliness, aesthetics and health and safety for the end user.

Customer Benefits

The benefits of this design process were to ensure that the equipment supplied fully integrated into the main building structure, provided optimum use of the available space, achieved an aesthetically pleasing space whilst remaining a highly practical, long lasting and safe place in which to work.



Case Study

Milton Keynes

Background

Milton Keynes is one of the fastest growing urban areas in the UK with a population set to increase in size by 55% over the next 30 years and with this the need for extra mortuary facilities will arise.

Milton Keynes local council and NHS trust collaboratively decided to design and build a mortuary. AFOS was approached with their design requirements and worked jointly with the customers to provide a new mortuary suitable for use as both a hospital and city mortuary capable of coping with the demands of an increasing population.

Solution

AFOS worked in a consultative capacity with both the Hospital Trust and their appointed building contractors to ensure that the design specification, offered at the planning stages, was the best possible solution to the Trust and City Council. The provision of a range of body stores offering pass through and single entry fridges, alongside a multi-functional store, capable of accommodating either standard mobile storage or in extreme cases an obese patient and bed.

The post mortem room was fully equipped with high quality stainless steel autopsy and dissection tables, ergonomically designed with adjustable height control, complete with down-draught extraction.

With its bright modern safe working environment this facility provides all the elements required to manage the ever increasing weight and size of the deceased, whilst also satisfying the needs of the pathologist and mortuary technician of the 21st century.

Customer Benefits

Height adjustable ergonomic equipment with all the benefits to the staff of reduced manual handling.

A safe and modern working environment. Robust equipment to meet the demands of the modern day mortuary. High grade 316 stainless steel used to ensure longevity of all work surfaces. Quality hygienically designed body storage facilities that offer protection and dignity to the deceased. High storage capacity to cope with busy periods.

Flexibility to cater for all contingencies

