

Case study

NHS Airedale Trust

Enbloc were selected to design and build a major new facility direct for the NHS Trust



Toxic and non-toxic Grade C cleanrooms

The details

Our role:
Design and build as Principle Contractor

Scope:
Multidiscipline M&E and Construction

Facility type:
Grade C Pharmacy Aseptic Suite

Floor area:
270m²

Contract value:
£1m approx.

Programme:
10 months

Enbloc were selected to design and build a major new facility direct for the NHS Trust. The project was a new Pharmacy Aseptic Unit to manufacture Chemotherapy, Total Parenteral Nutrition (TPN), Antibiotics and various intravenous drugs, and a range of ready to use injectables used across a broad spectrum of patient care within it's hospitals.

Enbloc delivered the Aseptic Suite, along with the toxic and non-toxic Cytotoxic Isolators, as a "turnkey" project. The Aseptic Unit was self contained and serviced by dedicated air-handling plants to ensure segregation expected by the MHRA. HEPA (High Efficiency Particulate Air) filters on the air supply and external ducted air extract, to the appropriate ISO 14644-1 Classification of Air Cleanliness Standard.

Continued overleaf...



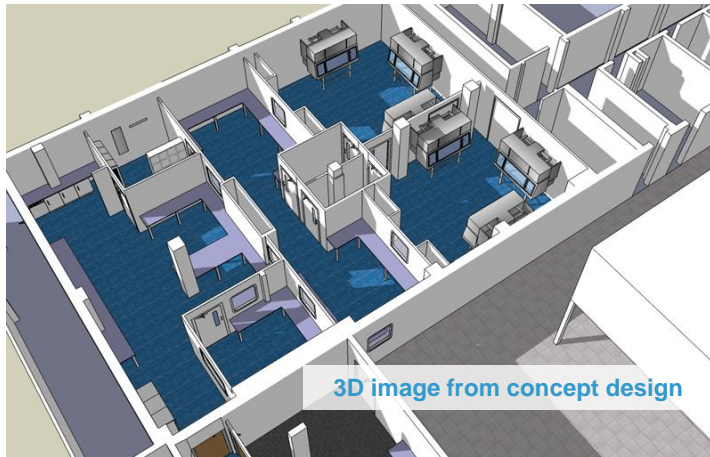
Mock-up isolator



Inner support Grade D with wall mounted LCD screens

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The suite included Toxic and Non-Toxic Grade C cleanrooms, two Cytotoxic Isolators in each suite with the provision for future Isolators. There is also an Inner Support Grade D room with wall mounted LCD screens for monitoring and training of manipulations inside the Isolators. A number of Unclassified Support Areas were included in the scope of work. Enbloc were responsible for all the aspects of the construction work, building services provision and equipment supply interfacing between the Isolators and Cleanroom.

Enbloc's Validation Department carried out the systems commissioning and validation to achieve the MHRA license including Design Qualification (DQ), Installation Qualification (IQ) and Operation Qualification (OQ). Enbloc Maintenance continue to look after this facility since its completion.

For more information on the clean facilities that Enbloc can offer please visit our website www.enbloc-cleanrooms.com or contact our head office at:

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