



Case History



enbloc
clean facilities

Client : Portsmouth NHS Trust, Queen Alexandra Hospital

Enbloc's Role Design and Build as Principle Contractor
Scope Multidiscipline - M&E + Construction
Facility Type Grade B Aseptic manufacturing unit to cGMP standards
Floor Area 1600m²
Contract Value £2.1m appx
Programme 12 months December 07 to December 08.....Completed

Project Description :

Through innovative value engineering Enbloc successfully won the contract for this significant aseptic manufacturing unit direct with the NHS Trust Central cleanrooms with capacity to achieve Grade B cleanliness feature cutting-edge Aseptic processing isolators. The isolators - designed and installed by Enbloc - contain rapid vaporised hydrogen peroxide gassing enabling fast sterilising cycles. The HVAC system is dynamically controlled to ensure constant room pressures throughout the suite regardless of isolator cycle or filter life.



185m² Full height air conditioned Pharmacy warehouse



1 of 6 Twin isolators with rapid VHP unit Installed spread over 2 fully vinyl grade B rooms



Trespa bench and cupboard units and powder coated legs



Atex rated area with for powder handling



Grade D labelling and reconciliation cleanroom with trolley hatch and passthroughs



Goods lift to 1st floor store area



Testing and validation equipment Viewed through cleanroom clear fire exit panel



1st floor plant area with ductwork feeding Clean suite below and UPVC extract ducts from isolators



Exterior plant area with cleanroom and office air handling units