

## Case study

### Portsmouth NHS Trust, Queen Alexandra Hospital

Innovative value engineering won us the contract for this significant aseptic manufacturing unit



1 of 6 twin isolators with rapid VHP unit in two full vinyl Grade B rooms

#### The details

**Our role:**

Design and Build as Principle Contractor

**Scope:**

M&E + Construction

**Facility type:**

Grade B Aseptic manufacturing unit to cGMP standards

**Floor area:**

1600m<sup>2</sup>

**Contract value:**

£2.1m

**Programme:**

12 months

Through innovative value engineering Enbloc successfully won the contract for this significant aseptic manufacturing unit direct with the NHS Trust. Two Central cleanrooms with capacity to achieve Grade B cleanliness feature 6 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.

See overleaf for project photos...



185m full height air conditioned pharmacy warehouse



Trespa bench and cupboard units and powder coated legs



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Atex rated area for powder handling



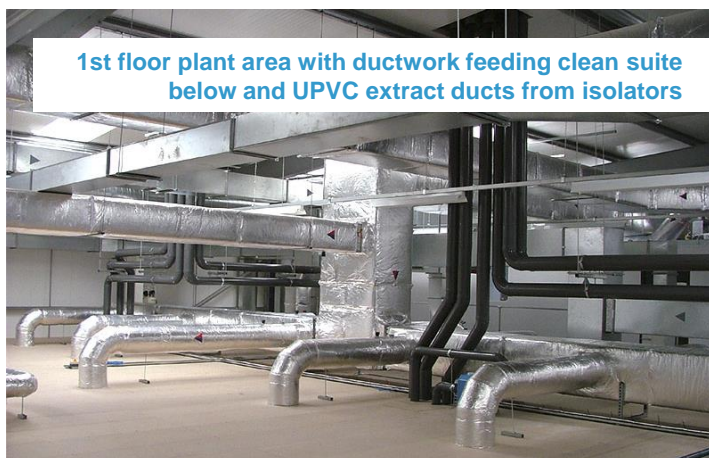
Grade D labelling and reconciliation cleanroom with trolley hatch and passthroughs



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

For more information on the clean facilities that Enbloc can offer please visit our website [www.enbloc-cleanrooms.com](http://www.enbloc-cleanrooms.com) or contact our head office on +44 (0)1252 626229 or email us at [sales@enbloc-cleanrooms.com](mailto:sales@enbloc-cleanrooms.com)