

## Case study

### NHS Cardiff and Vale Trust

An impressive unit with 26 cleanrooms, dedicated change areas & facility for sterile & non-sterile manufacturing



Building shell nearing completion

#### The details

**Our role:**

Design and Build as Principle Contractor working direct for the NHS

**Scope:**

M&E + Construction + validation

**Facility type:**

Provision of Grade B CIVAS/Aseptic Suite

**Floor area:**

1000m<sup>2</sup>

**Contract value:**

£2.5m

**Programme:**

12 months

A new Terminal Sterilisation (TSSU) suite for Cardiff and Vale NHS Trust. With 26 cleanrooms and dedicated change areas as well as further unclassified support areas the facility for Sterile and non Sterile manufacturing is an impressive unit. Multipurpose cleanrooms contain Isolators and Safety cabinets with the facility for freeze drying and two large Autoclaves.

Enbloc designed, installed and validated process gases, compressed air systems and process water services including an automatic WFI production plant and storage vessel, solution preparation system and bottle wash. The environmental monitoring system monitors temperature pressure and incorporates particle monitoring for the three Grade B rooms and Isolators.



Typical finishes



Chiller being lifted over the building to be set down in its final location

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Stainless steel WFI manifold and pipework



Treated water generator

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 at:

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