

Hydrogen Fuel Cell

Cleanroom Manufacturing Facility

Enbloc were approached by Johnson Matthey Fuel Cells with the idea to build a brand new manufacturing facility for hydrogen fuel cell research and development within their existing and live production area. In these areas the segregation of personnel and control of potential contamination was paramount.

The project consisted of 3 main areas with the cleanroom being constructed around their production line equipment. Made from cleanroom partitioning and epoxy resin flooring around the new full welded steel floor mezzanine.

Room conditions were monitored using the Environmental Monitoring System which logs electronically the room temperature and humidity in the ISO5 and ISO7 cleanrooms.

Enbloc worked closely with the client's strict production timescales and the international equipment suppliers to ensure rooms were completed and commissioned/validated ready for equipment installation.



 <p>Our role: Design & build Principal Contractor</p>	 <p>Scope: Multidiscipline – M&E & construction and validation</p>	 <p>Facility type: ISO5 and ISO7 Cleanrooms</p>	 <p>Programme: 10 months</p>	 <p>Floor area: 1600m²</p>  <p>Contract value: £1.8m</p>
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