

Project Profile

Brunel University – CAT 3 Laboratory

Introduction

CDC were commissioned to deliver a Cat III containment laboratory suite within the Heinz Wolff Building of Brunel University. This provides the Centre for Infection, Immunity/and Disease Mechanisms, School of Health Sciences with a CAT III and CAT II Research Facility.



Data

Industry Sector: Research

Classification: Containment Cat III
Value: £460,000
Time on Site: 14 Weeks
Physical Size 100m²

Scope of Work

CDC Ltd were employed as a specialist's contractor for a complete cleanroom/containment facility incorporating:

- Demolition and alterations to building structure
- Construction of new block work walls incl structural supports
- Plastered wall finishes c/w armouglaze gel coat fibre glass
- Plasterboard ceilings
- Stainless Steel Framed triple glazed window
- Stainless Steel mesh to walls security
- New Isocrete floor screed
- New Resin floor c/w resin coved skirting
- Laboratory furniture, hunching, cupboards, coat hooks and mirror
- Autoclave
- New roof mounted Air Handling Unit
- Supply ductwork from AHU into corridor ceiling void

Client Comments

'From getting on the tender list to the completion and beyond, CDC Cleanroom Specialists have been proactive dealing with all aspects of developing the new GL3 suite as part of Crispin and Borst main contract at Brunel University.'

- PVC extract ductwork systems from Safety Cabinets
- LPHW pipework to AHU
- Refrigerant pipework to AHU cooling coil from room condenser
- Hot and Cold waters services
- Above ground vulcathane drainage works
- Carbone Dioxide pipework, regulators, manifolds and alarm panel
- Gas leak detection system
- Sanitaryware and Eye Wash
- BMS control System
- Fumigation Control Panel
- General Lighting
- Wiring Sockets
- Access Control
- Intruder Alarm and CCTV
- Clean down
- Commissioning / Validation