

Project Profile

St George's University Hospitals – Radiopharmacy Ventilation & Cleanroom Upgrade

Introduction

CDC Cleanroom Specialists were employed by St George's University Hospitals NHS Trust, as a specialist cleanroom contractor, to provide a competitive, project solution for the replacement of the air handling unit and associated plant serving the Radiopharmacy suite. Also included was the strip out and replacement of the branch connections from the main ductwork serving the facility to the terminal HEPA filters and the installation of new BMS controls and facility monitoring system, which were integrated into the existing systems which monitor the existing adjacent Aseptic Suite. The Radiopharmacy Unit provides comprehensive radiopharmaceutical services to the Trust and to other hospitals in the region. The service includes the manufacture and quality control of radiopharmaceuticals and the preparation of radio-labelled blood components for clinical use.



Data

Industry Sector: Radiopharmacy
(Nuclear Medicine)

Classification: EU GMP Grade D

Value: £364,341.00

Time on Site: 8 Weeks



Scope of Work

- Strip out of existing mechanical plant and services
- Fully HTM compliant External Air Handling Unit & Condenser
- Supply & extract ventilation systems
- Thermal insulation to mechanical services
- Cleanroom wall partitioning and suspended ceiling
- Electrical services small power and plant equipment
- Cleanroom furniture incl. transfer
- HEPA filters, housings, and grilles
- BMS Controls
- Environmental Monitoring System
- LPHW & CHW water services
- Above ground drainage pipework
- Fire Dampers
- Water treatment
- Waste management plan
- Validation and commissioning
- Production of health & safety file