

Radiochemistry and FDG Production Area Upgrade

Hamilton, Ontario



The project consisted of a review of the existing radiochemistry production area for cGMP compliance, and the preparation of a Basis of Design and execution plan to construct and validate a stand-alone clean room within the existing building for the manufacturing and dispensing of FDG, and the integration of new process equipment.

The clean room configuration was arranged to improve the flow of materials and personnel, and to minimize operator exposure. The new area featured airlocks, gowning area, a Grade C production area for the ASU units, and a sterile dispensing zone.

To minimize capital cost expenditure, the preliminary design of the new hot cells to house the automatic synthesis units and the permanent/movable shields for the semi-automatic dose dispenser was completed by Novopro.

CLIENT

Hamilton Health Sciences Centre

LOCATION

Hamilton, Ontario

YEARS

2009

PHASE

- Basis of Design

COST

\$500,000 (CAD)