

Parking

Parking is normally available in the general visitor parking but a designated space close to the entrance of Zone 11 can be prebook if needed. Please let your beamline local contact know if you require this space reserved for you, as well as your intended dates on site no later than 15 days before your first scheduled day with us.

11b is a space available for reservation. There is a dropped curb from the road to the pathway.



Access to the beamline

There are two possible ways to access to the beamline.

a) Zone 12 entrance door (ground floor)

This entrance door is located closest to the beamline.

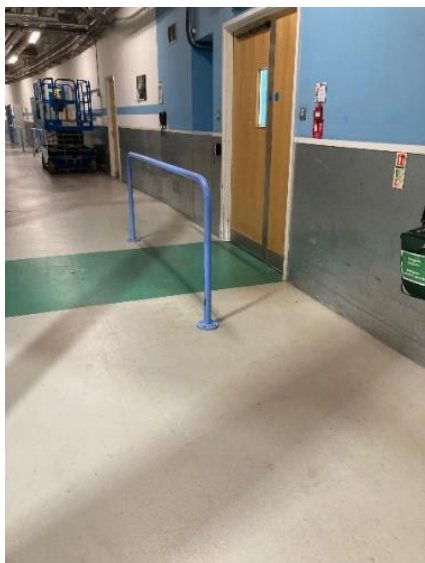
You will need to present your valid badge to the sensor to release the door. This will cause the light to flash on the card reader and a beeping sound. The door will become locked if not opened six seconds after presenting your access card at the reader, which is signified by the card reader no longer beeping or flashing.

The door is 76 cm wide and a pull to open door and can be heavy to open with one hand.



Once through the door, you will find stairs to the first floor, where refreshment facilities are located. An accessible toilet is located to your right. To access to the experimental ring there is another power assisted door of 90 cm wide which can be opened by pressing the power assist button.

b) entering through Diamond House (first floor)



Entry into the synchrotron building can also be made via the covered bridge between Diamond House and the synchrotron building.

Once through the three sets of doors, you will find stairs and a lift to the ground floor, where the beamlines are located. At the bottom of the stairs or lift, a last set of doors with power assisted buttons give access to the experimental hall floor.

Once through this door there is a safety rail straight ahead positioned 96 cm from the door.

Exiting the synchrotron building

To exit outside by any door, you need present your access card. For the Zone doors, after swiping your badge you will need to press a dome button to unlock the doors.

I18 beamline

During experiments users have access to the control room, the experimental cabins, and the sample preparation room.

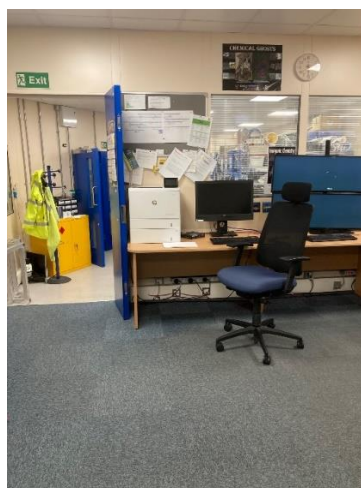
a) control room 2

This is the first room that you will come to. It is an ante room to the main control cabin. The door is step free and 163 cm wide.

b) control room 1

The control room 1 is the main area used by the users. There they can fully control the end-station in order to optimise the sample alignment and carry-out the desired measurements. In addition, there is some space and a desk to analyse the data, to discuss the project or to relax. There are standard adjustable office chairs.

Local rules: no samples in this room to prevent cross contamination.





There are two steps to enter this control room; the first is 20 cm high and the second is 18 cm high. There is a double width doorway. There is a ramp available which can be set in place but is heavy and may require assistance.

c) experimental cabin

Local rules: no food and drink in this room to prevent cross contamination.

The door to this cabin is 74 cm wide and there is a lip on the floor. There is also a door release button which protrudes and is 114 cm off the ground. The room has audible and visual oxygen depletion and radiation alarms. Users may need to gain access around both sides of the machine and access to the left side is 73 cm at its narrowest point. The search protocols apply to this space and to carry out an effective search requires the ability to navigate steps to rear of the room.





Other

IT facilities

All systems run off a LINUX operating system. Assistive software may be available. Please discuss with your local contact if you will be intending to bring your own adapted IT kit.

Desk phones are available in the hutch that can be used to make internal calls to the experimental hall co-ordinators and any other calls a user needs to make, including emergency calls.

Please note that due to lead and concrete shielding, there are many areas in Diamond that have poor mobile network coverage. If you have difficulties using desk phones, or reduced mobility that you feel may hinder your ability make a call from a desk phone in an emergency, please let us know and we can either provide a wi-fi phone or help you setup your own device to make calls over our network connection, if this is possible.